

1997 State-by-State Assessment of Low-Level Radioactive Wastes Received at Commercial Disposal Sites

***National Low-Level Waste
Management Program***

Ronald L. Fuchs

August 1998

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**1997 STATE-BY-STATE ASSESSMENT
OF LOW-LEVEL RADIOACTIVE WASTES
RECEIVED AT COMMERCIAL
DISPOSAL SITES
DRAFT**

August 1998

**Idaho National Engineering and Environmental Laboratory
Lockheed Martin Idaho Technologies Company
National Low-Level Waste Management Program
Idaho Falls, Idaho 83415-2420**

**Prepared for the U.S. Department of Energy
Assistant Secretary for Environmental Restoration
and Waste Management
Under DOE Idaho Operations Office
Contract No. DE-AC07-94ID13223**

ABSTRACT

Each year the National Low-Level Waste Management Program publishes a state-by-state assessment report. This report provides both national and state-specific disposal data on low-level radioactive waste commercially disposed in the United States. Data in this report are categorized according to disposal site, generator category, waste class, volumes, and radionuclide activity. Included in this report are tables showing the distribution of waste by state for 1997 and a comparison of waste volumes and radioactivity by state for 1993 through 1997; also included is a list of all commercial nuclear power reactors in the United States as of December 31, 1997.

NOTICE

The State-by-State assessment documents for 1993 through 1997 have been made available on the Program's Internet home page at "<http://www.inel.gov/national/national.html>" for your convenience. These data are also presented on the MIMS system at "<http://mims.inel.gov>" through current month.

The information presented in this report is meant to be informative to the reader and provide accurate disposal figures for the commercial low-level radioactive waste being shipped for disposal within the United States. The disposal volumes in this report are presented using cubic foot (ft³) measurement, if the reader prefers cubic meters, divide the reported ft³ number by 35.314. In this year's document, additional comparison graphs for the years 1988 through 1997 have been provided, for your convenience, at the national, compact region, and state levels.

Comments and suggestions as to how this document may better address your needs for information on this subject are welcomed. Comments may be sent to the address listed below:

National Low-Level Waste Management Program
Lockheed Martin Idaho Technologies Company
P.O. Box 1625
Idaho Falls, ID 83415-2420

or

Email "sysdemo@inel.gov"

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1997 STATE-BY-STATE ASSESSMENT OF LOW-LEVEL RADIOACTIVE WASTES RECEIVED AT COMMERCIAL DISPOSAL SITES

1. INTRODUCTION

The National Low-Level Waste Management Program (NLLWMP) has published 19 annual state-by-state assessment reports. These reports provide both national and state-specific disposal data that assist states in the management of low-level radioactive waste (LLW), as specified in the Low-Level Radioactive Waste Policy Act (Public Law 96-573) and the Low-Level Radioactive Waste Policy Amendments Act of 1985 [(LLRWPA) Public Law 99-240].

Over the past 19 years every state has disposed of some quantity of LLW. This waste is generated from a variety of commercial sources, such as

- Government and industrial research
- Generation of electrical power
- Medical diagnostic and therapeutic services
- Various manufacturing processes.

Before publishing the first state-by-state report in 1979, researchers studied the quantities and radioactivity levels of LLW disposed of in the United States. The first report was designed to assist states in extrapolating accurate estimates of disposal rates by separating wastes into four broad categories:

- Government
- Industrial
- Institutional
- Utility.

In 1983, the categories were further refined by establishing more specific categories for Institutional waste. This resulted in five categories, as follows:

- Academic
- Government
- Industrial
- Medical
- Utility.

Currently, commercial disposal sites report actual volumes disposed of for each of these five categories.

The volume of LLW disposed of at commercial disposal sites exceeded 3.7 million cubic feet in 1980. This represents the highest reported annual volume of LLW disposed of during the history of the state-by-state assessment documents. From 1981 through 1990, the volume of LLW being disposed of at commercial disposal sites declined. In 1991 and 1992, the reported volume of LLW received for disposal at commercial sites showed a slight increase. This increase is believed to be the result of the anticipated increase in disposal costs and, in 1992, the anticipated closure on January 1, 1993, of the Barnwell, South Carolina, Beatty, Nevada, and Richland, Washington disposal facilities to “out-of-region” generators. On December 31, 1992, the Beatty, Nevada, site stopped receiving LLW for disposal altogether, and the Richland, Washington, site restricted the LLW received for disposal to the Northwest and Rocky Mountain compact states. The Barnwell, South Carolina, disposal facility continued to receive LLW for disposal by the member states of the Southeast compact and those compact states that had contracts with the Southeast commission through June 1994. On July 1, 1994, the Barnwell site restricted disposal to only member states of the Southeast LLW compact. South Carolina withdrew from the Southeast compact and on July 1, 1995, the Barnwell site began accepting LLW for disposal from all states, with the exception of North Carolina.

In summary, as of July 1, 1995, the only state that is being denied LLW disposal access is North Carolina. The Barnwell, South Carolina, LLW disposal facility is operated by Chem-Nuclear Systems, LLC and is accepting LLW shipments for disposal from all states excluding North Carolina. The Richland, Washington, commercial LLW disposal facility is operated by US Ecology, Inc. and accepts LLW shipments for disposal from only member states of the Northwest and Rocky Mountain compact regions.

The reported 1997 disposal volume was 319,120 cubic feet. A list of the 1997 LLW volumes and radioactivity reported as disposed by state is provided in Table 1. Only two states, North Carolina and South Dakota reported no LLW shipments in 1997.

The first state-by-state assessment used several data sources. These included U.S. Nuclear Regulatory Commission (NRC) records on nuclear power plant waste shipments,¹ the U.S. Department of Energy Solid Waste Information Management Systems² for information on defense waste shipped to commercial sites, and the University of Maryland (at Baltimore) studies on national institutional waste generation.^{3,4} Since its initial publication, this report has been modified and expanded as more detailed state information became available from the disposal sites. Results from generator surveys and feedback from state officials continue to improve understanding of the sources of LLW and the quality of the data.

Table 1. 1997 waste distribution by state as reported by disposal site operators as of July 1998.

States	Volume (ft ³)	Activity (curies)
Alabama	7,114.70	25,408.21
Alaska	2.00	100.00
Arizona	5,657.55	583.62
Arkansas	713.30	1.71
Army Out U.S. ^a	.20	.02
California	7,797.60	1,350.94
Colorado	4,748.21	7.36
Connecticut	4,013.05	258.57
Delaware	22.38	.26
Dis Of Columbia	104.58	.12
Florida	4,509.45	631.68
Georgia	13,134.85	3,209.35
Hawaii	1,046.84	26.71
Idaho	29.63	.18
Illinois	37,449.46	18,385.23
Indiana	380.93	.89
Iowa	829.66	174.15
Kansas	945.77	703.63
Kentucky	28.67	.38
Louisiana	3,305.16	500.69
Maine	1,554.19	243.96
Maryland	3,138.75	198.61
Massachusetts	10,645.22	3,142.74
Michigan	13,389.61	7,611.37
Minnesota	1,751.67	82.73
Mississippi	1,688.11	135.59
Missouri	1,651.69	2,426.49
Montana	173.44	.58
Nebraska	2,993.47	514.44
Nevada	41.57	20.52
New Hampshire	84.30	38.74
New Jersey	25,354.65	754.06

a. Army Out U.S. = U.S. owned military bases located outside the continental United States.

Table 1. (continued).

States	Volume (ft ³)	Activity (curies)
New Mexico	853.66	2.73
New York	9,972.67	770.83
North Carolina	0	0
North Dakota	1.00	<.01
Ohio	4,074.20	1,076.32
Oklahoma	57.64	821.69
Oregon	52,991.18	27.93
Pennsylvania	14,604.61	8,246.89
Puerto Rico	11.00	.03
Rhode Island	11.36	<.01
South Carolina	5,869.67	1,398.33
South Dakota	0	0
Tennessee	23,588.77	514.97
Texas	3,398.95	2,543.80
Utah	4,385.50	1.76
Vermont	7,312.50	37,677.37
Virginia	8,904.73	4,213.72
Washington	27,466.67	504.62
West Virginia	1.82	.03
Wisconsin	1,305.23	2,651.90
Wyoming	7.88	.54
TOTAL	319,119.70	126,967.00

2. 1997 REPORTING METHOD AND SUMMARY

The data for the 1997 state-by-state assessment report were developed from the Department of Energy's Manifest Information Management System with data originating from the LLW shipment manifests recorded at the commercial LLW disposal sites located at Barnwell, South Carolina; and Richland, Washington.^{a,b} This information is presented in Appendix A with expanded graphics. The National Low-Level Waste Management Program is continuing its efforts to obtain disposal information from Envirocare of Utah, Inc. for LLW disposed at the Clive, Utah site however, as of July 2, 1998, no information have been provided.

In this year's report, adjustments have been made and noted for 1996 disposal figures where necessary. These adjustments are a result of additional disposal information received by the Program from US Ecology, Inc. after the 1996 document was distributed.

Reports generated for 1979 through 1987 in this series have attributed waste that was processed or consolidated into larger shipments at intermediate waste management facilities to the states in which those facilities were located. The report generated for 1988 through 1996 attributes waste volume, activity, and generator type by source to the original state in which it was generated, even where brokered shipments included waste originally generated in more than one state. This change in reporting method was made possible because of changes in the manifesting requirements for brokered shipments at the sited states. The waste volumes for states such as Tennessee, where a significant volume of waste is processed through several large waste management facilities, were the most notably affected.

Due to the change in reporting methods, which began in 1988, it became necessary to make a distinction between LLW shipments shipped directly from the generator to the disposal site and those LLW shipments that were shipped through an intermediary. The new reporting method required intermediary waste handlers to associate LLW by volume and activity to the generator and state of origin. This requirement, however, does not require an association of generator and state for information relating to the specific waste radionuclide or waste classification. For this reason, two classifications of waste shipments have been maintained in this report since 1988:

- Nondirect: Shipments from the generator to the disposal facility through an intermediary
- Direct: Shipments that did not involve an intermediary.

The Nuclear Regulatory Commission issued its final rule for uniform manifesting on March 27, 1995, in Federal Register, Vol. 60, No. 58., "10 CFR Parts 20 and 61 RIN 3150-AD33, Low-Level Waste Shipment Manifest Information and Reporting". The implementation date for mandatory compliance to the uniform manifest was March 1, 1998. Both Chem-Nuclear Systems, LLC and US Ecology, Inc. adopted the regulation's information gathering requirements beginning with 1997 data. This action allowed for the reporting of waste classification and radionuclide information to the waste originator eliminating the need for the Direct and Nondirect categories.

The data are arranged to allow the reader to locate information by area of interest, ranging from total commercial LLW disposed within the United States to LLW disposed by a specific state.

a. Data obtained from Chem-Nuclear Systems, LLC, for the Barnwell, South Carolina, LLW disposal site through subcontract number K97-560680.

b. Data obtained from U.S. Ecology, Inc., for the LLW disposal sites located in Beatty, Nevada, and Richland, Washington, through subcontract number K97-560679.

The information presented covers the distribution of LLW by

- Volume
- Activity
- Waste classification
- Waste generator type
- Disposal site
- Waste that has been subject to intermediate handling.

Waste generator categories are

- Academic
- Government
- Industrial
- Medical
- Utility.

The utility category includes commercial nuclear power reactors. The academic category includes university hospitals and university medical and nonmedical research facilities. Medical generators include hospitals and clinics, research facilities, and private medical offices. The industrial category encompasses private entities such as research and development companies, manufacturers, nondestructive testing, mining, fuel fabrication facilities, and radiopharmaceutical manufacturers. The government category includes state and federal agencies.

Appendix B contains a comparison of LLW disposal volumes by state for the most recent 5-year period, a comparison of the radioactivity of LLW disposed by State for the most recent 5-year period, and a complete list of the commercial nuclear power reactors located in the United States as of December 31, 1997.

A review of the data found in this report will show that in 1997, reporting commercial LLW disposal facilities received a total volume of 319,120 cubic feet of waste containing an activity of 126,967 curies. Waste distribution by disposal site is presented in Table 2; Tables 3 and 4 provide information concerning the typical radionuclide and waste forms associated with commercial LLW.

Table 2. Distribution of low-level radioactive waste received at disposal sites in 1997.

Site	Volume (ft ³)	Percent of Total	Activity (curies)	Percent of Total
Barnwell	228,035	71.5	126,374	99.5
Richland	91,085	28.5	593	.5
Total	319,120	100	126,967	100

Table 3. Radionuclides received through all low-level radioactive waste shipments at commercial disposal sites in 1997. The top 20 radionuclides are listed from highest to lowest activity levels (based on curie count).

Academic	Government	Industrial	Medical	Utility
H-3	H-3	Co-60	Cs-137	Co-60
Cs-137	Pm-147	H-3	Gd-153	Fe-55
Co-60	Cs-137	Cs-137	H-3	Ni-63
S-35	Co-60	Fe-55	Cr-51	Mn-54
C-14	Fe-55	C-14	S-35	Zn-65
Ni-63	U-238	Ni-63	I-125	Cs-137
P-32	Ni-63	Mn-54	Sr-90	Co-58
I-125	Co-58	Co-58	C-14	Cs-134
Cr-51	Mn-54	Pm-147	Co-57	Cr-51
Ca-45	Kr-85	Cd-109	P-32	H-3
P-33	C-14	Zn-65	Y-88	Sb-125
Zn-65	S-35	Sr-90	Co-60	Ag-110m
U-238	P-32	Kr-85	Ni-63	Fe-59
Pb-210	Sr-90	Cr-51	P-33	C-14
I-131	Gd-153	S-35	I-131	Ni-59
Sr-90	I-125	Cs-134	Y-90	Nb-95
Tc-99	Cr-51	Fe-59	Ca-45	Ce-144
Gd-153	Sn-117m	Gd-153	U-238	Sr-90
Cl-36	Co-57	I-125	Fe-55	Be-7
Cd-109	Zn-65	Co-57	Ba-133	Ba-140

Table 4. Typical waste forms by generator categories.⁵

Academic

Compacted trash or solids
Institutional laboratory or biological waste
Absorbed liquids
Animal carcasses

Government

Compacted trash or solids
Contaminated plant hardware
Absorbed liquids

Industrial

Depleted uranium
Compacted trash or solids
Contaminated plant hardware
Absorbed liquids
Sealed sources

Medical

Compacted trash or solids
Institutional laboratory or biological waste
Absorbed liquids
Sealed sources

Utilities

Spent resins
Evaporator bottoms and concentrated waste
Filter sludge
Dry compressible waste
Irradiated components
Contaminated plant hardware

3. REFERENCES

1. U.S. Nuclear Regulatory Commission, "Measuring, Evaluating, and Reporting Radioactivity in Solid Wastes and Releases of Radioactive Materials in Liquid and Gaseous Effluents from Light Water Cooled Nuclear Power Plants," Regulatory Guide 1.21, Revision 1, June 1974.
2. U.S. Department of Energy, Washington, D.C., "Solid Waste Information Management System (SWIMS)-Actual Solid Waste Generated for Fiscal Year 1979," February 22, 1980.
3. R. L. Anderson, L. R. Cooley, T. J. Beck, C. S. Strauss, *Institutional Radioactive Waste*, NUREG/CR-0028, Radiation Safety Office, University of Maryland at Baltimore, March 1978.
4. T. J. Beck, L. R. Cooley, M. R. McCampbell, *Institutional Radioactive Wastes-1977*, Radiation Safety Office, University of Maryland at Baltimore (draft), June 1979.
5. Conference of Radiation Control Program Directors, Inc., Low-Level Radioactive Waste Management Survey Summary, 1984.

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APPENDIX A

**1997 LOW-LEVEL RADIOACTIVE WASTE ASSESSMENTS BY
COMPACT REGION AND STATE**

The volume and activity totals on the following pages may not sum exactly due to computer-generated rounding.

Page intentionally left blank.

INDEX OF STATES

Alabama	A-80
Alaska	A-54
Arizona	A-96
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Minnesota	A-38
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New Jersey	A-50
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Rhode Island	A-120
South Carolina	A-122
South Dakota	A-102
Tennessee	A-90
Texas	A-124
Utah	A-64

INDEX OF STATES

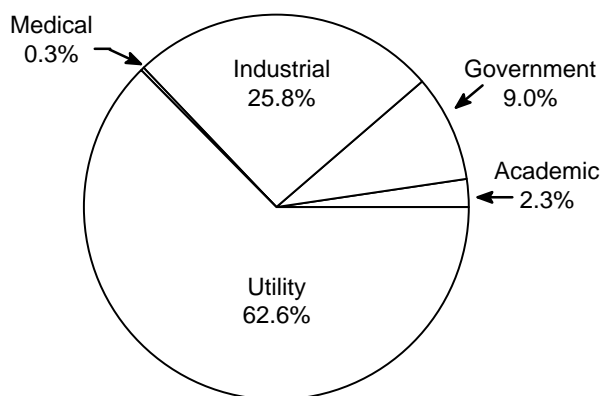
Vermont	A-126
Virginia	A-92
Washington	A-66
West Virginia	A-12
Wisconsin	A-44
Wyoming	A-68

UNITED STATES

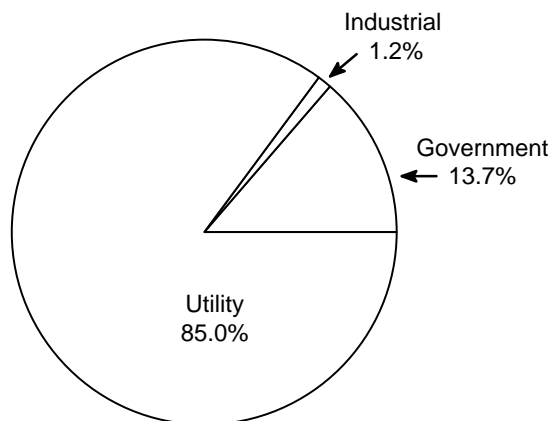
Low-Level Radioactive Wastes Received at Commercial Disposal Sites^a in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	7,384.85	61.03
Government	28,589.18	17,343.25
Industrial	82,378.24	1,555.03
Medical	973.26	10.21
Utility	199,794.17	107,997.49
Total	319,119.70	126,967.00

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



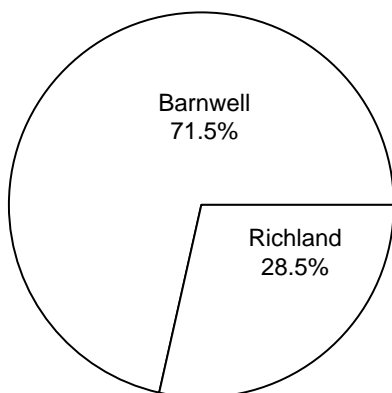
a. Data in this and all succeeding pages in Appendix A were provided by the Department of Energy's Manifest Information Management System as of August 1, 1998. Data originated with Chem Nuclear Systems, LLC and U.S. Ecology, Inc.

UNITED STATES

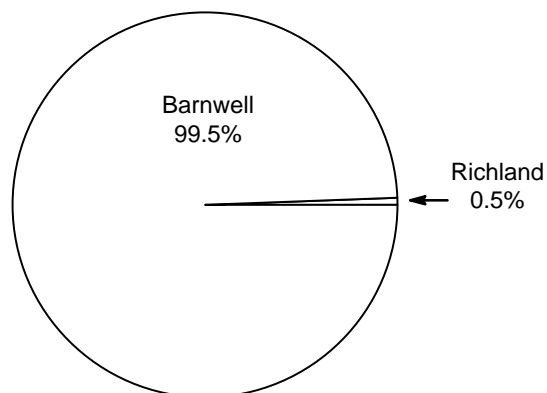
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	228,035.06	126,374.21
Richland	91,084.64	592.79
Total	319,119.70	126,967.00

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



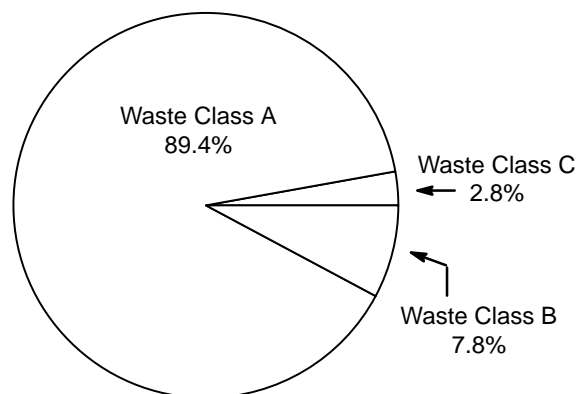
ACTIVITY PERCENTAGE BY DISPOSAL SITE
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VOLUME BY WASTE CLASS

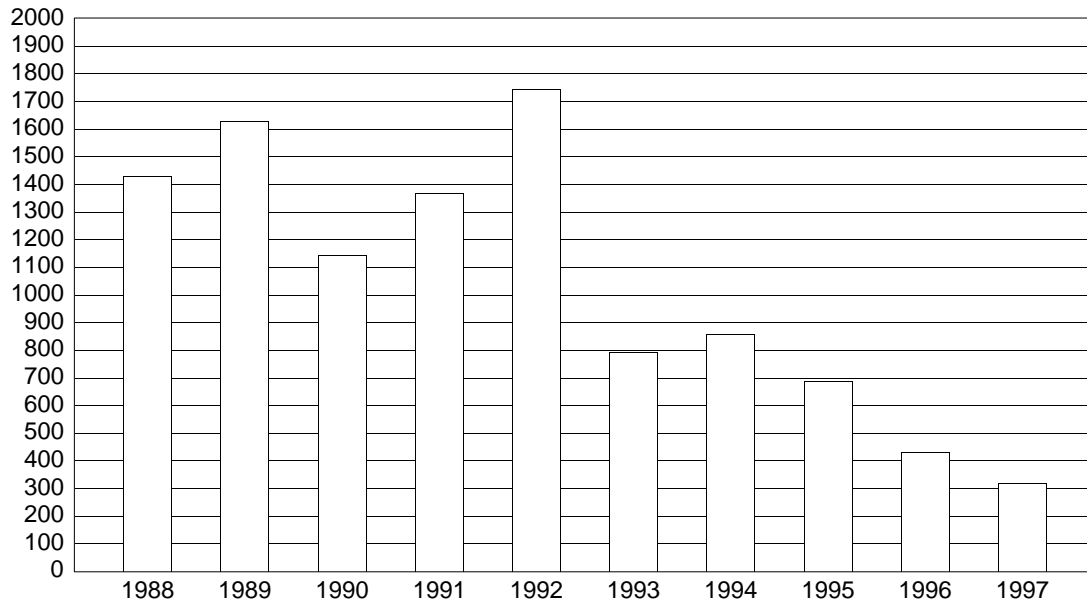
United States Total Distribution By Waste Class	Volume (ft ³)
A	285,320.72
B	24,970.18
C	8,828.80
Total	319,119.70
Total Activity (curies)	126,967.00

**VOLUME PERCENTAGE BY WASTE CLASS
UNITED STATES TOTAL**
(Percentages <.1% are not displayed)

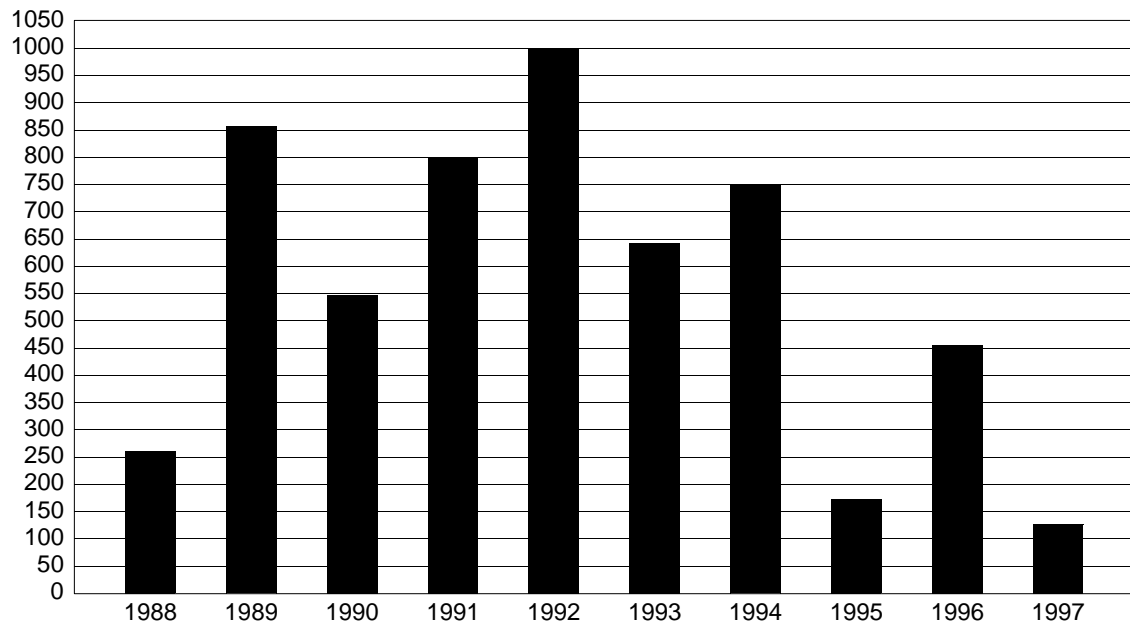


UNITED STATES Comparison By Year

Volumes in Cubic Feet x 1000



Activities in Curies x 1000

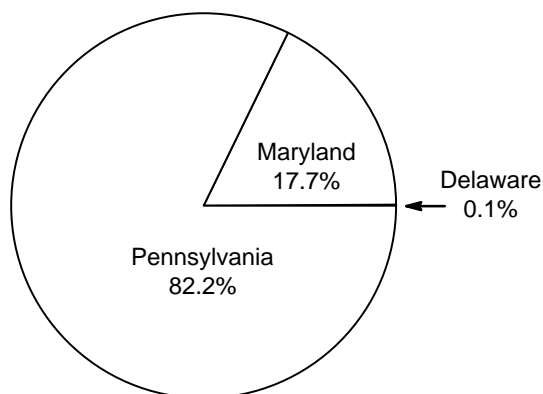


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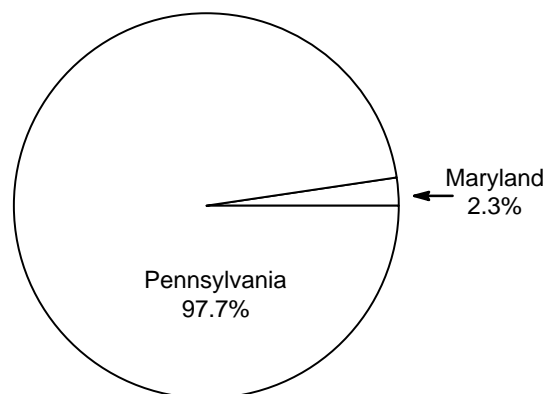
APPALACHIAN COMPACT **Low-Level Radioactive Wastes Received** **at Commercial Disposal Sites in 1997**

States	Volume (ft ³)	Activity (curies)
Delaware	22.38	.26
Maryland	3,138.75	198.61
Pennsylvania	14,604.61	8,246.89
West Virginia	1.82	.03
Total	17,767.56	8,445.76

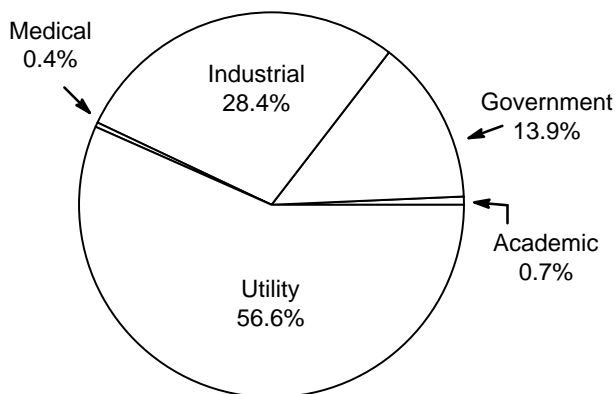
VOLUME PERCENTAGE BY STATE
(Percentages <.1% are not displayed)



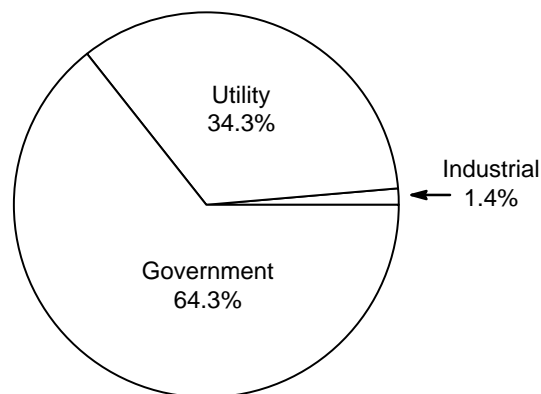
ACTIVITY PERCENTAGE BY STATE
(Percentages <.1% are not displayed)



VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

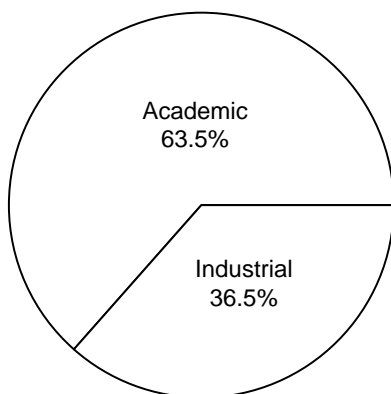


DELAWARE

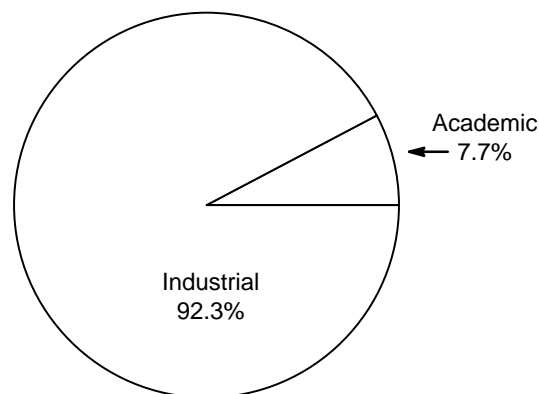
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	14.20	.02
Industrial	8.18	.24
Total	22.38	.26

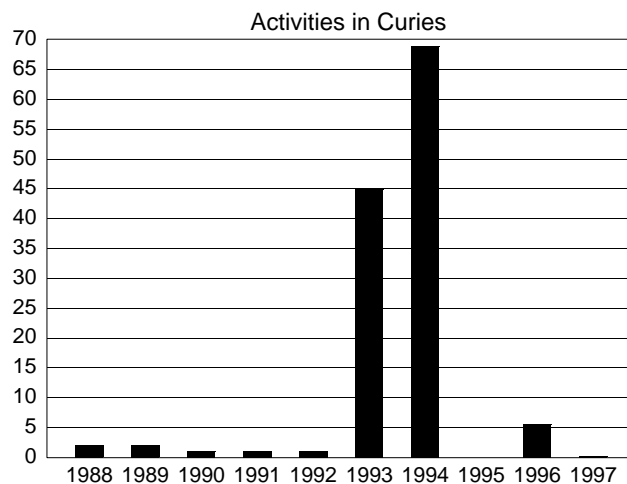
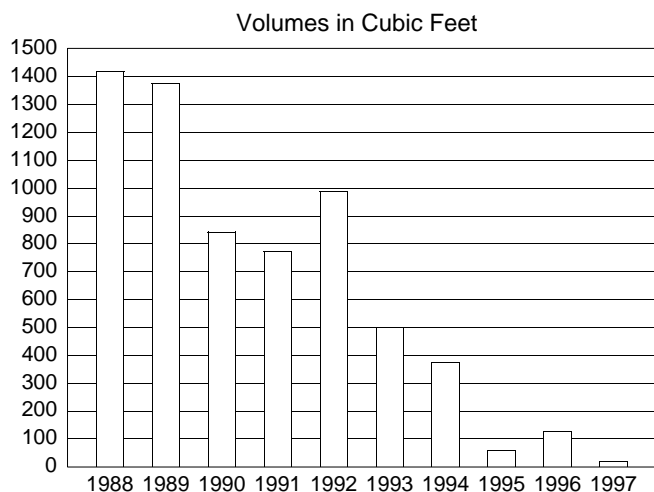
VOLUME PERCENTAGE BY SOURCE
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ACTIVITY PERCENTAGE BY SOURCE
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COMPARISON BY YEAR

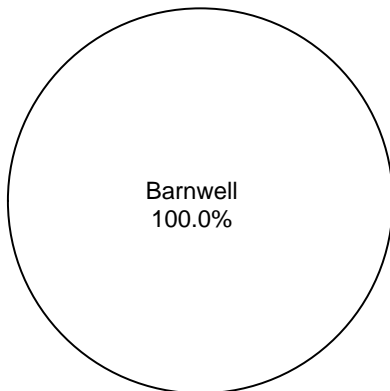


DELAWARE

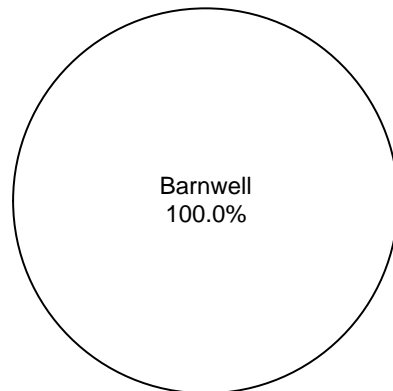
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>22.38</u>	<u>.26</u>
Total	22.38	.26

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



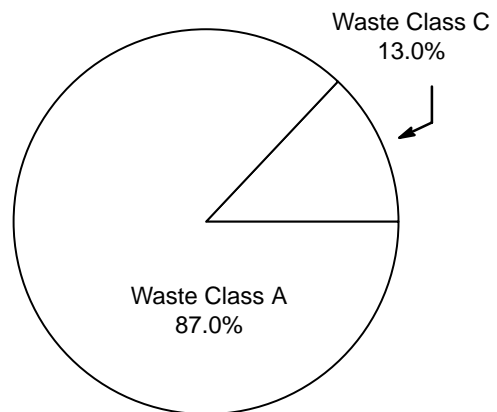
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	19.48
B	0
C	<u>2.90</u>
Total	22.38

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

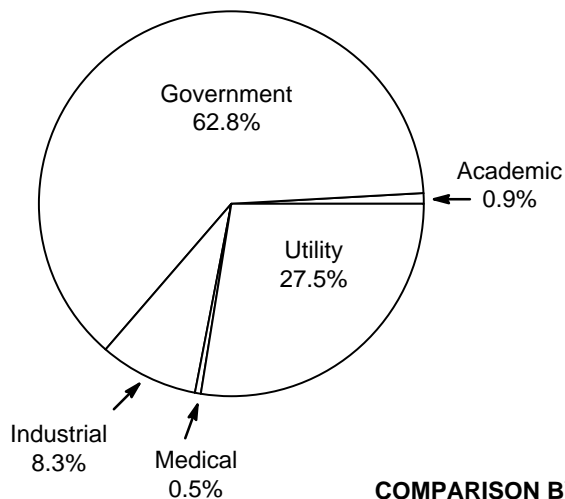


MARYLAND

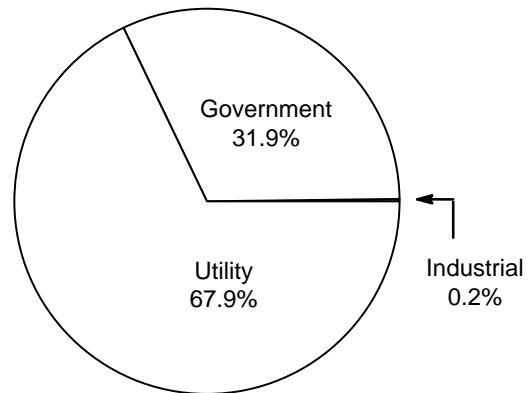
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	28.70	.08
Government	1,971.01	63.33
Industrial	261.04	.38
Medical	16.60	<.01
Utility	861.40	134.82
Total	3,138.75	198.61

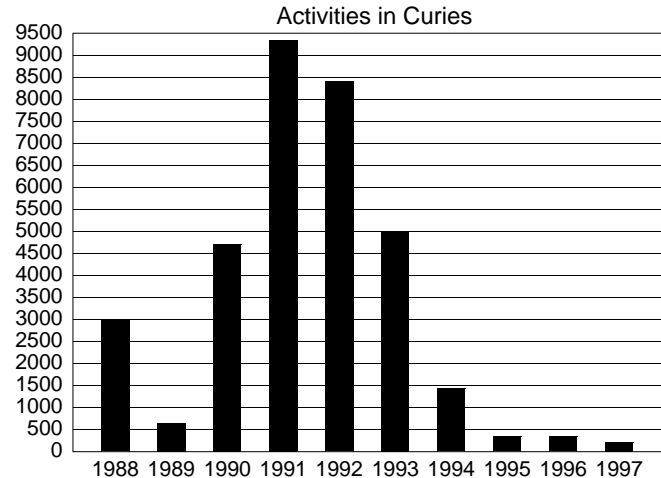
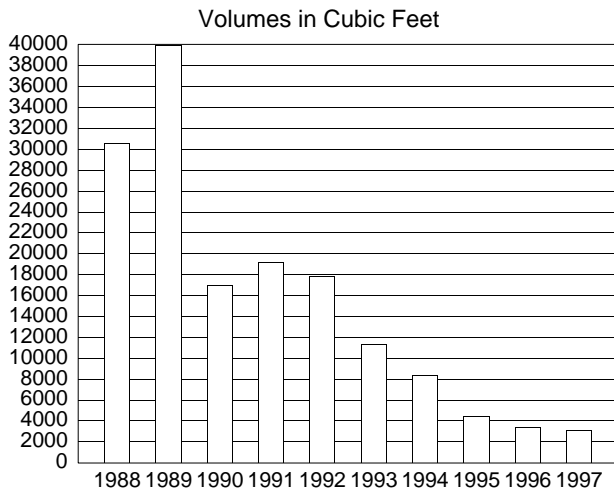
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

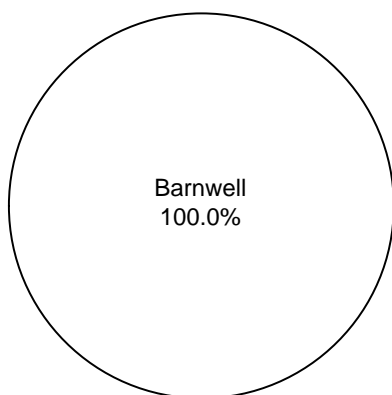


MARYLAND

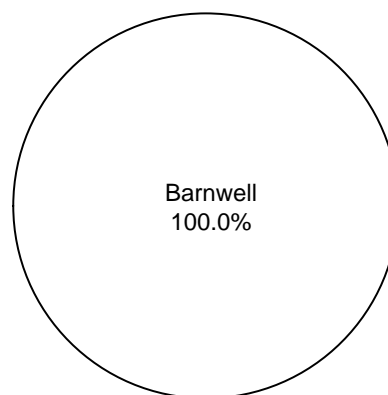
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>3,138.75</u>	<u>198.61</u>
Total	3,138.75	198.61

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



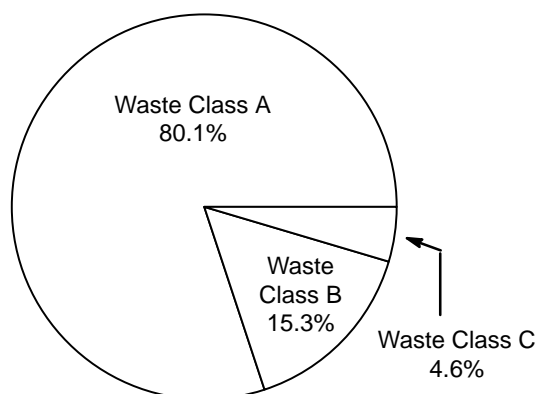
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	2,511.87
B	481.30
C	<u>145.58</u>
Total	3,138.75

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

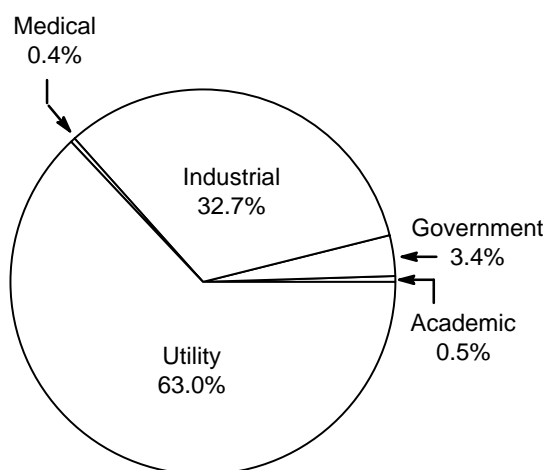


PENNSYLVANIA

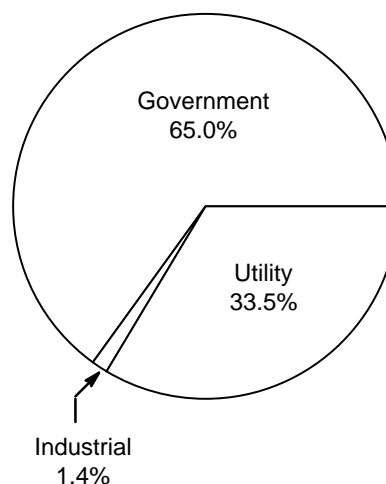
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	71.54	.45
Government	497.18	5,363.99
Industrial	4,779.58	118.49
Medical	53.30	.07
Utility	9,203.01	2,763.88
Total	14,604.61	8,246.89

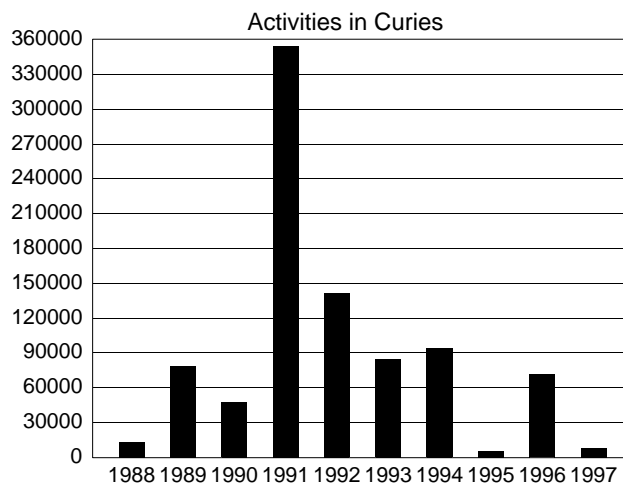
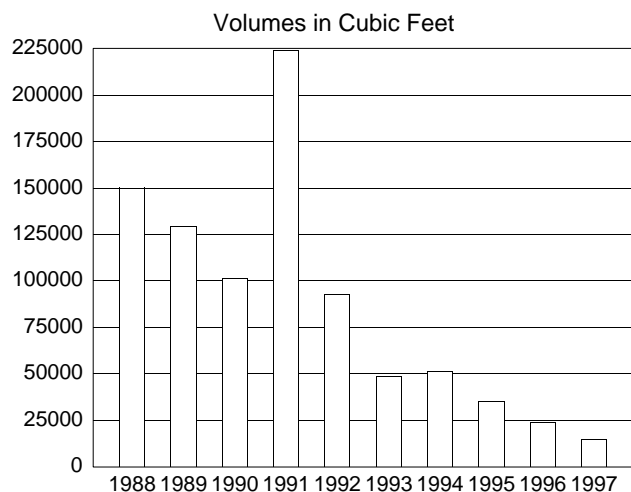
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

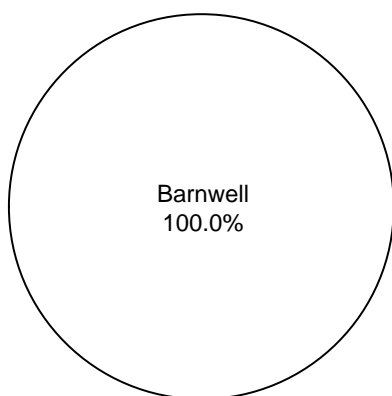


PENNSYLVANIA

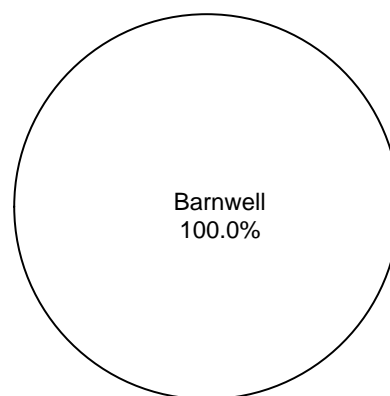
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>14,604.61</u>	<u>8,246.89</u>
Total	14,604.61	8,246.89

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



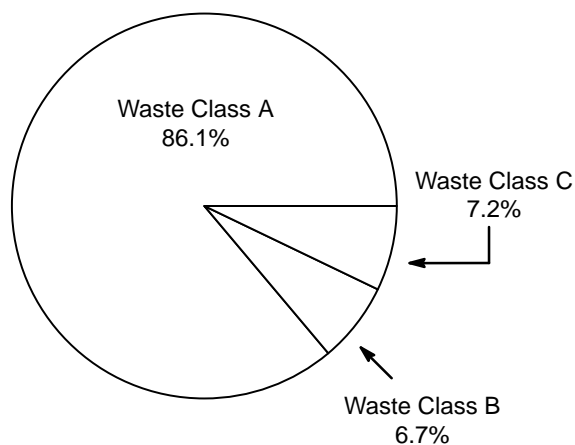
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	12,586.73
B	973.22
C	<u>1,044.66</u>
Total	14,604.61

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

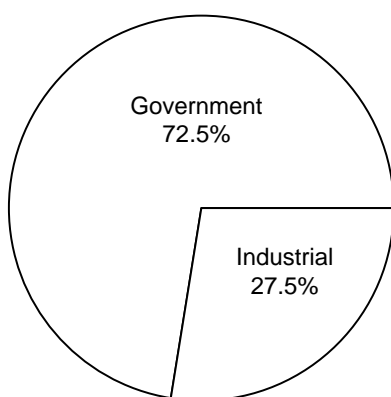


WEST VIRGINIA

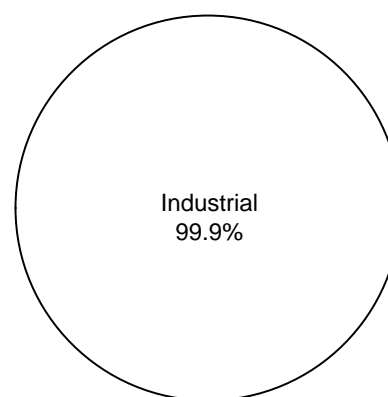
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Government	1.32	<.01
Industrial	.50	.03
Total	1.82	.03

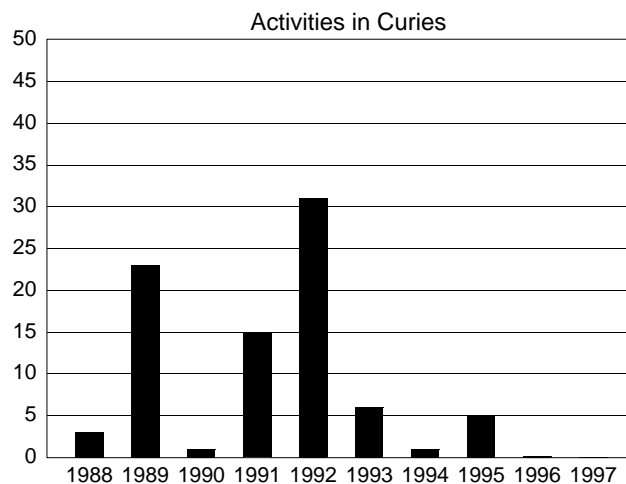
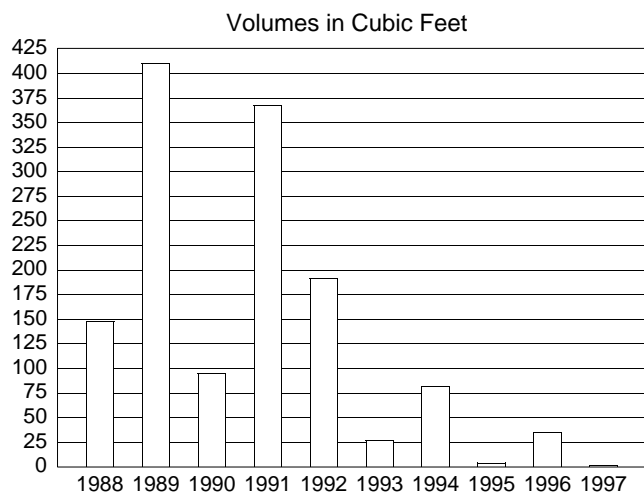
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

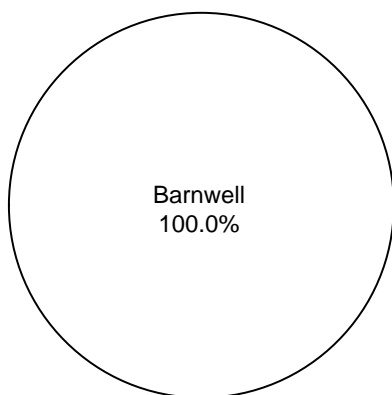


WEST VIRGINIA

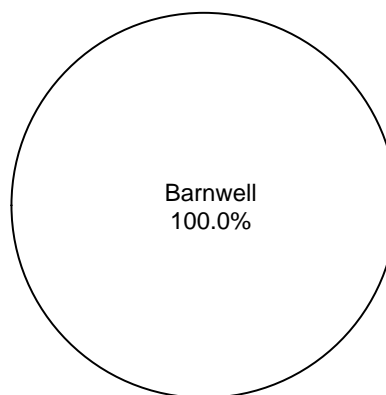
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>1.82</u>	<u>.03</u>
Total	1.82	.03

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



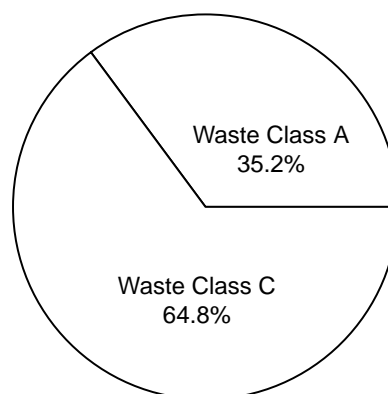
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	.64
B	0
C	<u>1.18</u>
Total	1.82

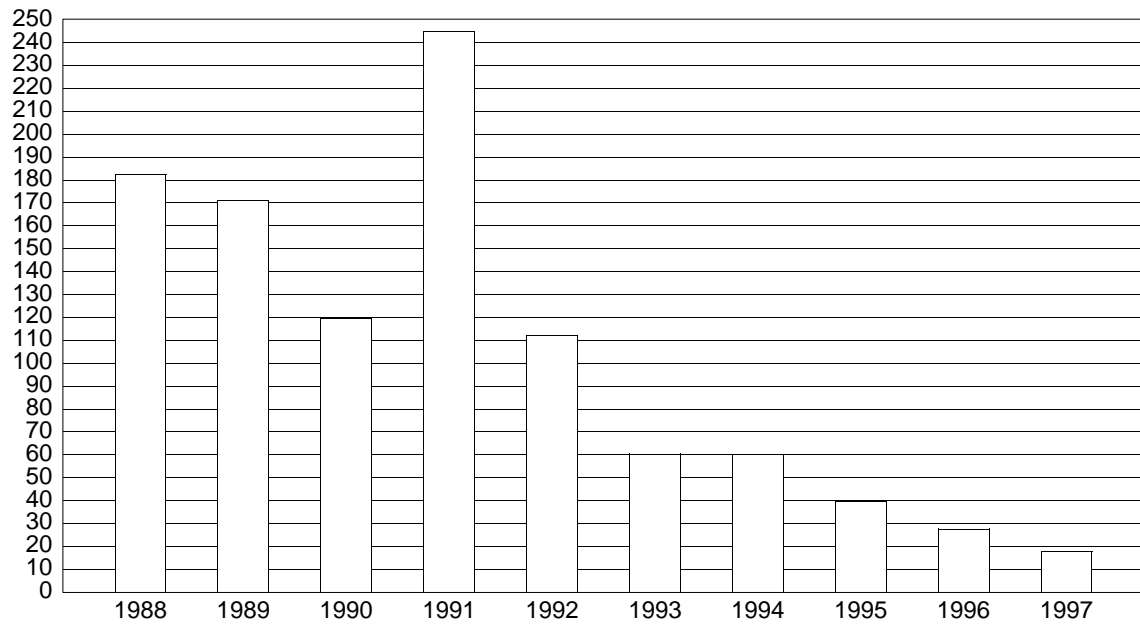
VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)



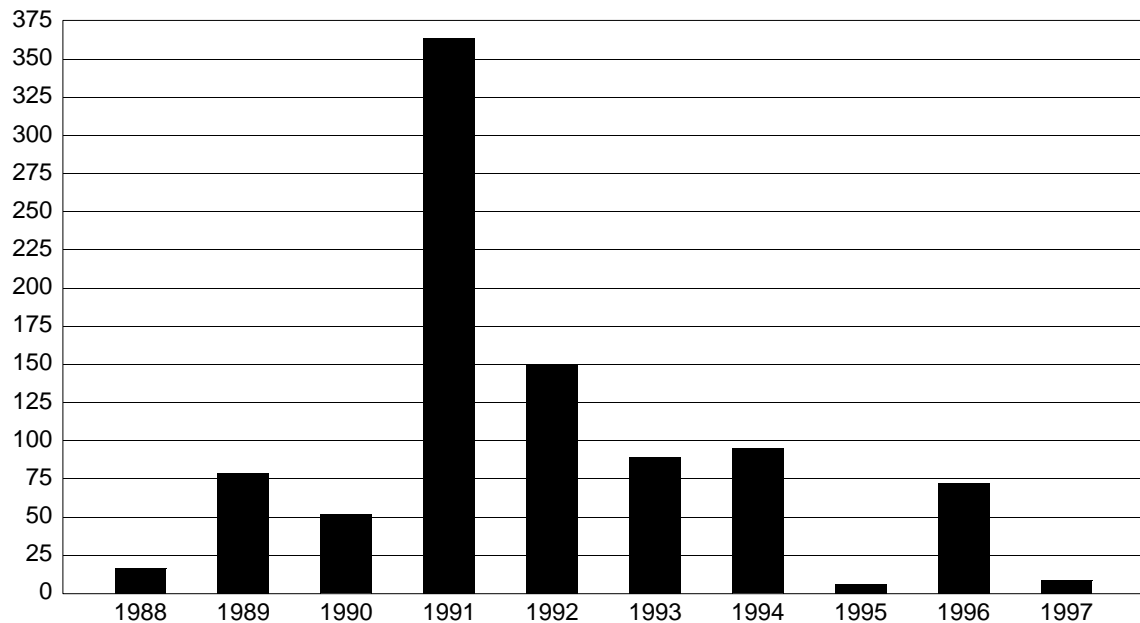
APPALACHIAN COMPACT Comparison By Year

NOTE: The years 1988 through 1997 include all states currently being reported in the Appalachian compact region.

Volumes in Cubic Feet x 1000



Activities in Curies x 1000

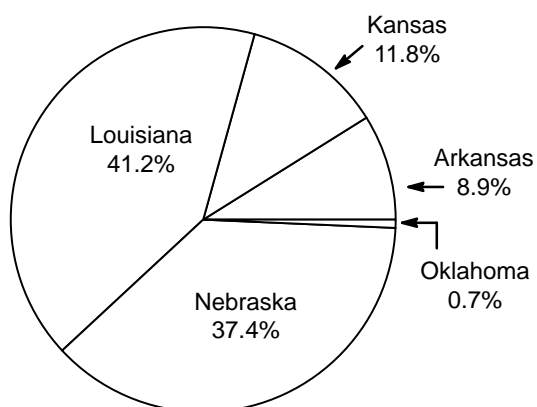


CENTRAL COMPACT

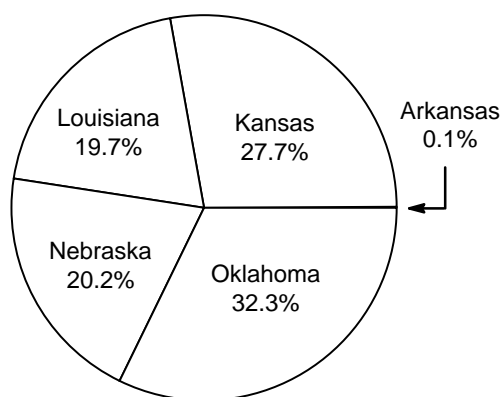
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

States	Volume (ft ³)	Activity (curies)
Arkansas	713.30	1.71
Kansas	945.77	703.63
Louisiana	3,305.16	500.69
Nebraska	2,993.47	514.44
Oklahoma	57.64	821.69
Total	8,015.34	2,542.17

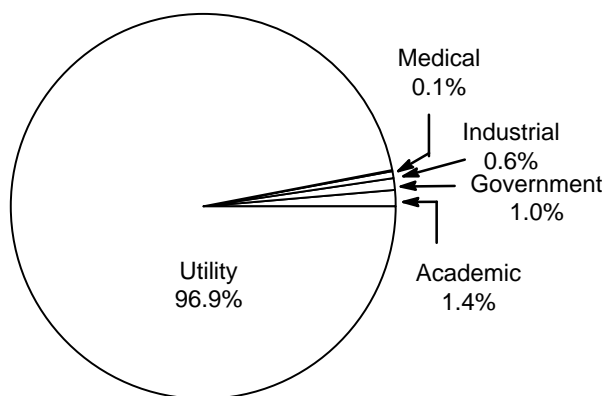
VOLUME PERCENTAGE BY STATE
(Percentages <.1% are not displayed)



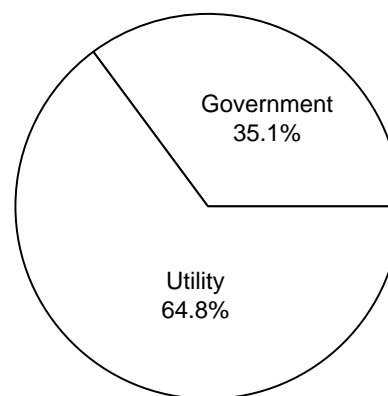
ACTIVITY PERCENTAGE BY STATE
(Percentages <.1% are not displayed)



VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

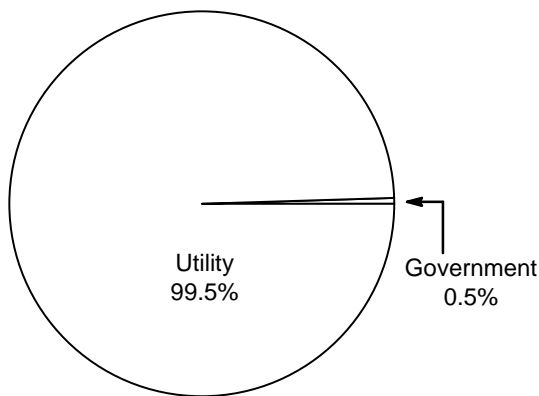


ARKANSAS

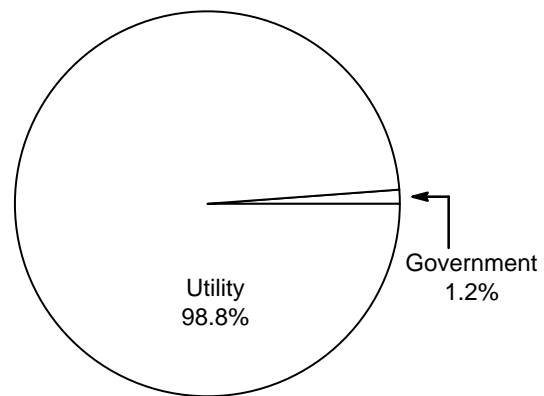
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Government	3.50	.02
Utility	709.80	1.69
Total	713.30	1.71

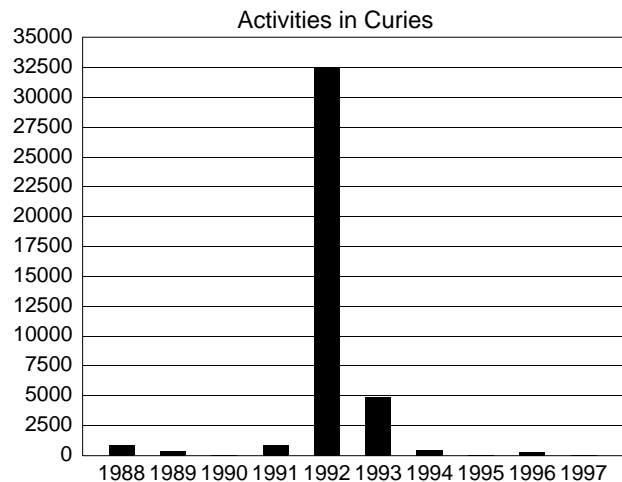
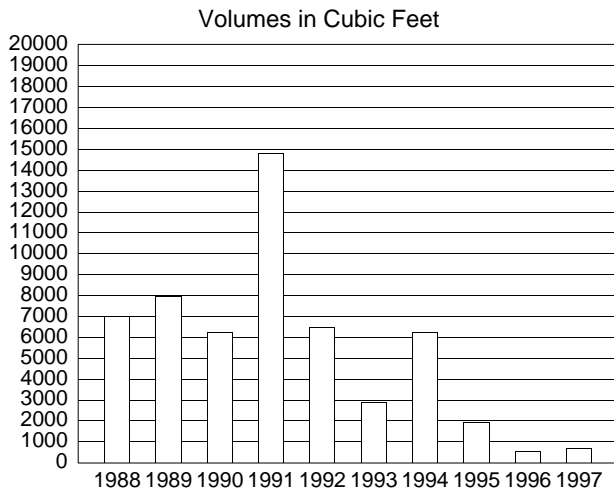
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

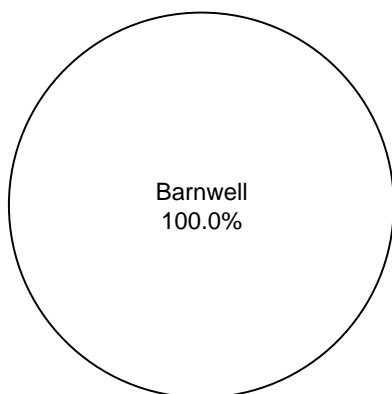


ARKANSAS

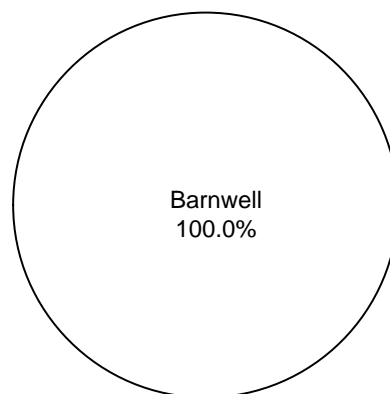
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>713.30</u>	<u>1.71</u>
Total	713.30	1.71

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



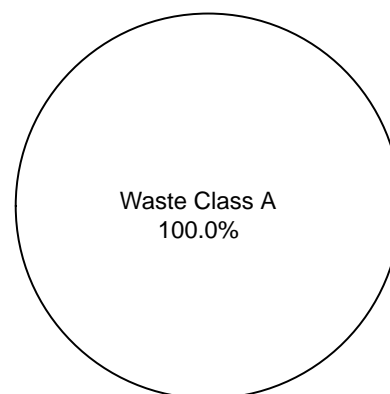
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	713.30
B	0
C	<u>0</u>
Total	713.30

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

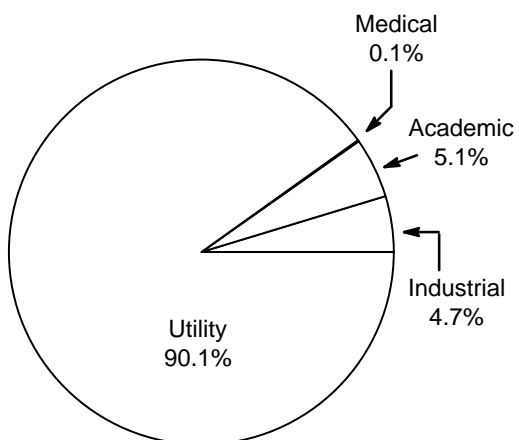


KANSAS

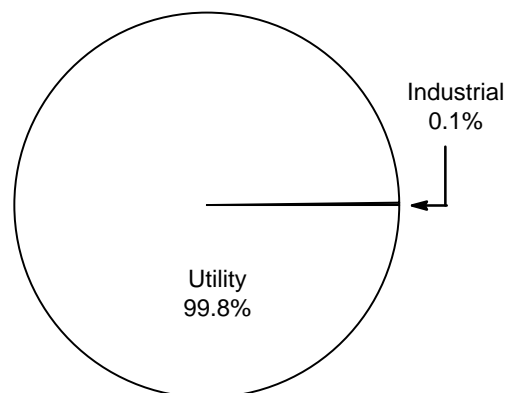
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	48.40	.26
Industrial	44.80	1.20
Medical	1.37	<.01
Utility	851.20	702.17
Total	945.77	703.63

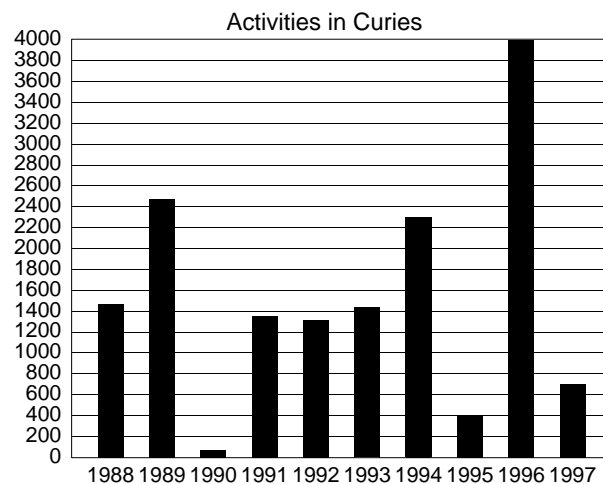
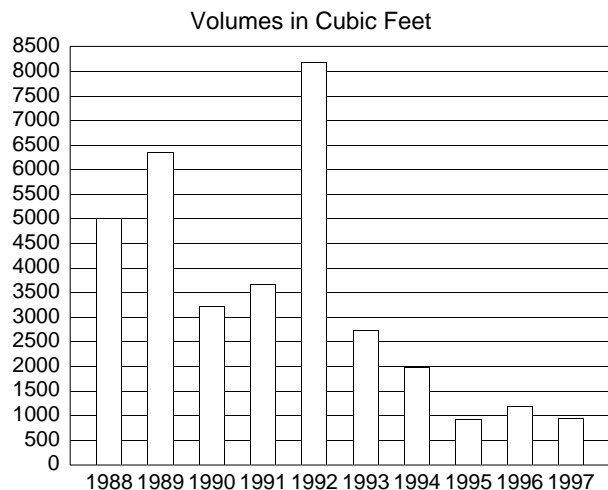
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

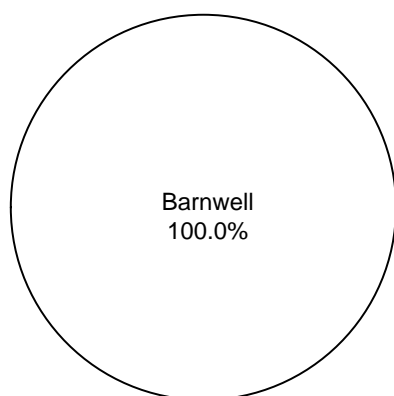


KANSAS

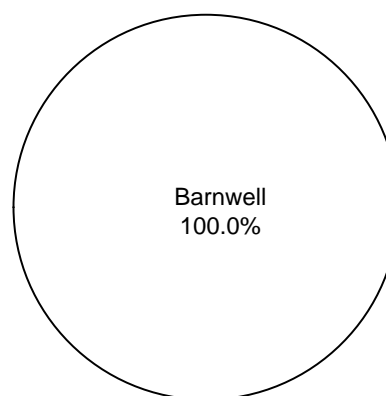
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>945.77</u>	<u>703.63</u>
Total	945.77	703.63

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



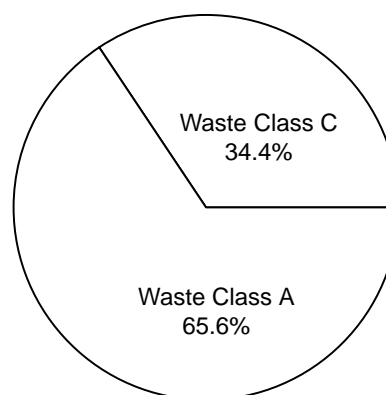
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	620.40
B	0
C	<u>325.37</u>
Total	945.77

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

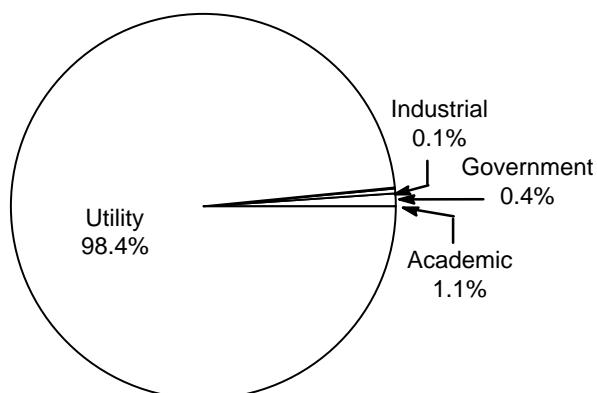


LOUISIANA

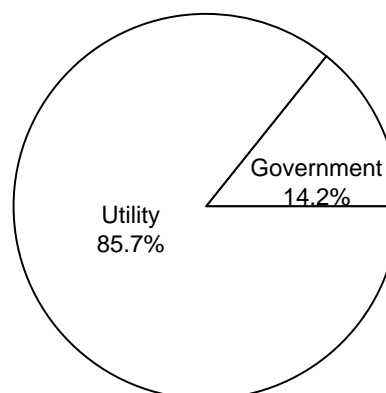
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	36.00	<.01
Government	14.28	71.13
Industrial	1.68	<.01
Medical	.20	<.01
Utility	3,253.00	429.56
Total	3,305.16	500.69

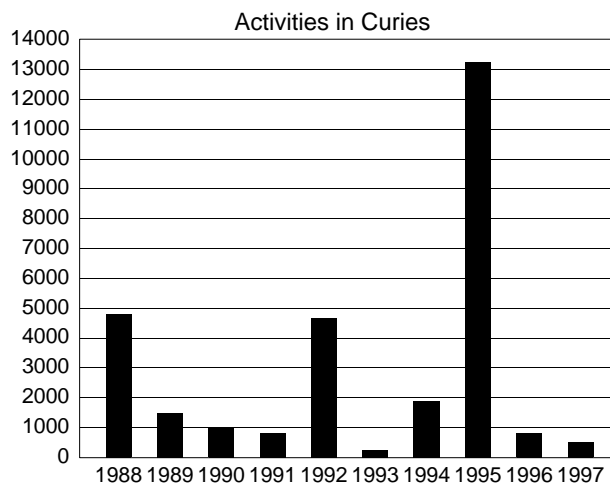
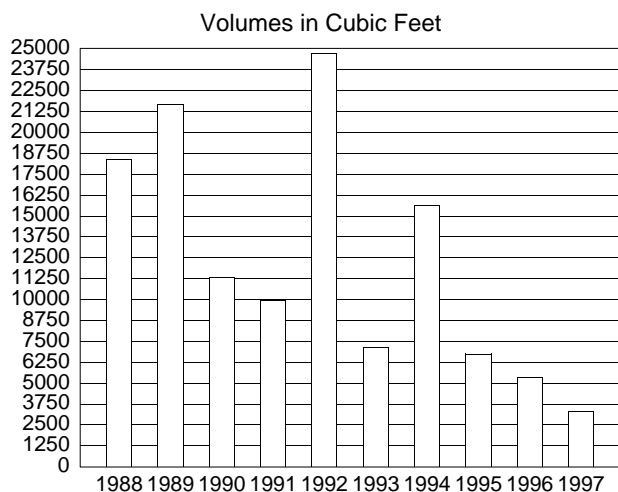
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

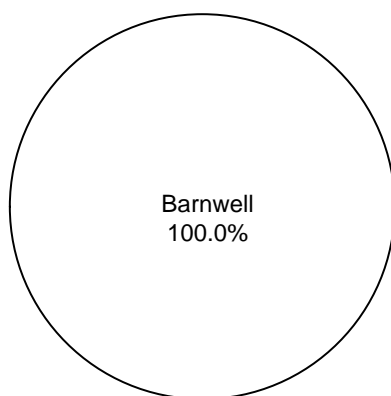


LOUISIANA

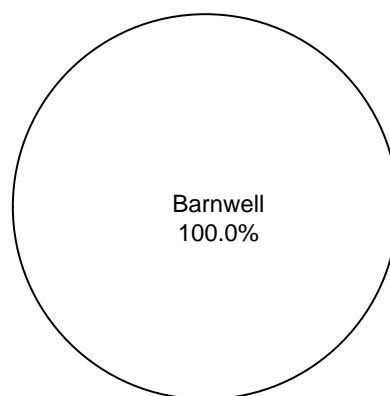
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>3,305.16</u>	<u>500.69</u>
Total	3,305.16	500.69

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



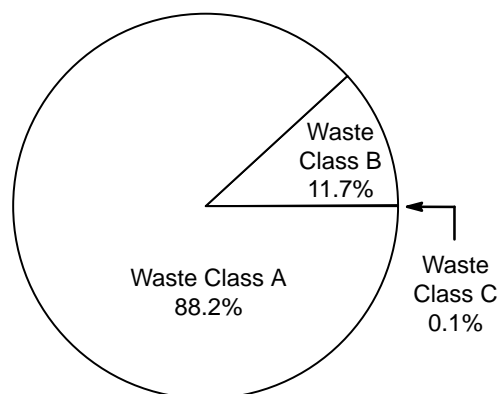
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	2,916.58
B	386.70
C	<u>1.88</u>
Total	3,305.16

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

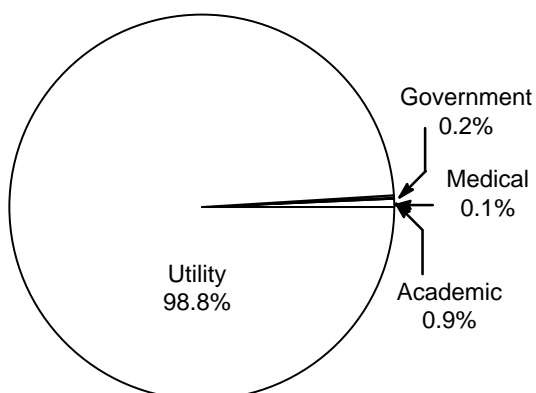


NEBRASKA

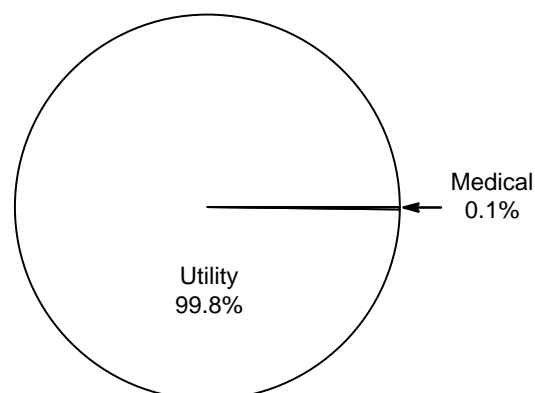
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	26.50	.31
Government	7.37	<.01
Medical	2.60	.54
Utility	2,957.00	513.59
Total	2,993.47	514.44

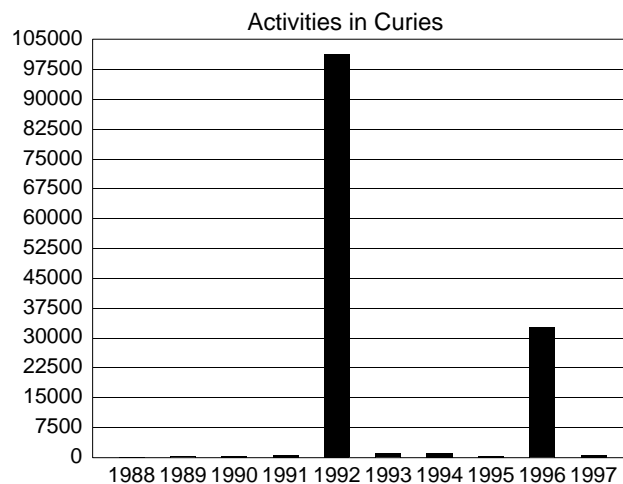
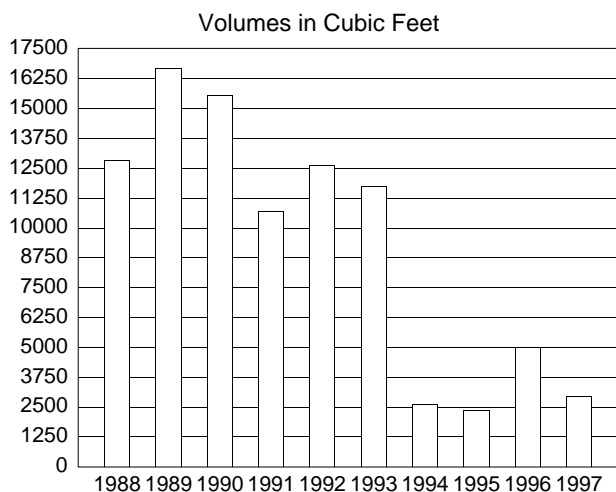
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

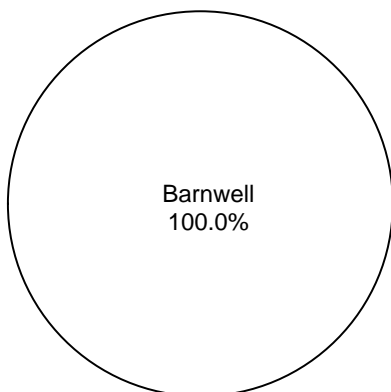


NEBRASKA

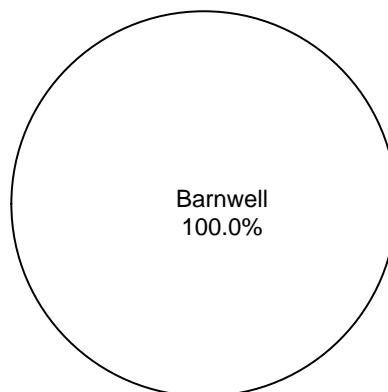
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	2,993.47	514.44
Total	2,993.47	514.44

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



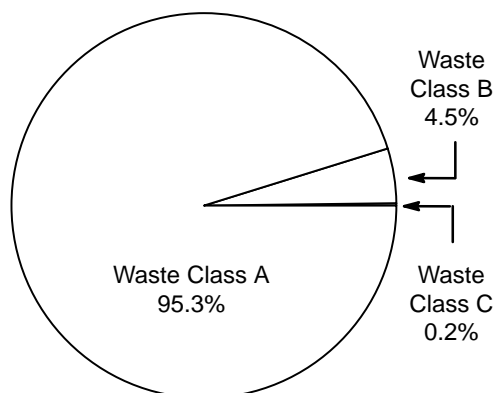
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

Waste Class	Volume (ft ³)
A	2,851.70
B	136.30
C	5.47
Total	2,993.47

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

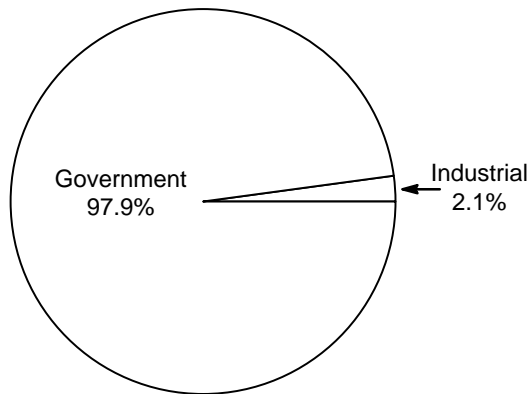


OKLAHOMA

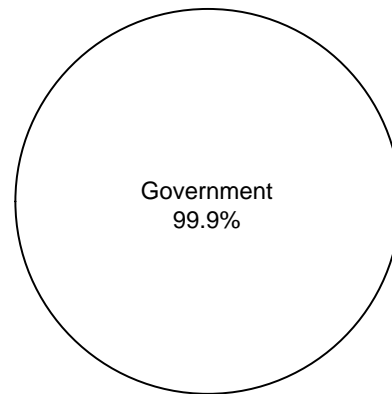
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Government	56.44	821.67
Industrial	1.20	.02
Total	57.64	821.69

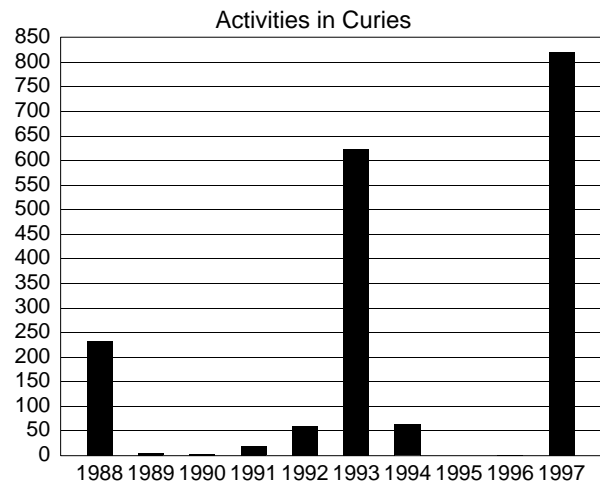
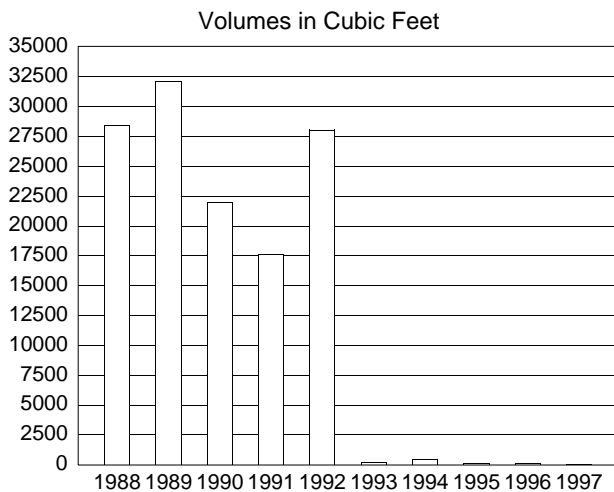
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

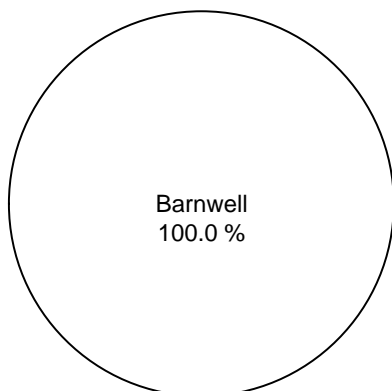


OKLAHOMA

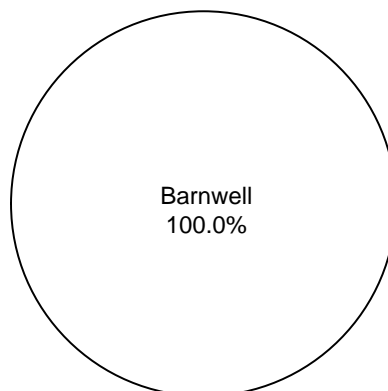
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>57.64</u>	<u>821.69</u>
Total	57.64	821.69

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



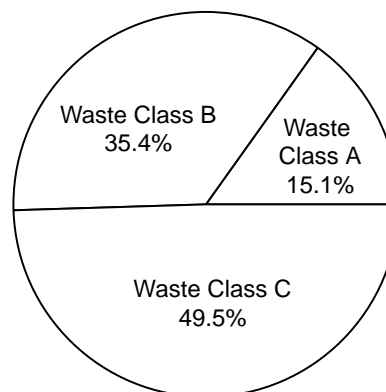
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	8.70
B	20.40
C	<u>28.54</u>
Total	57.64

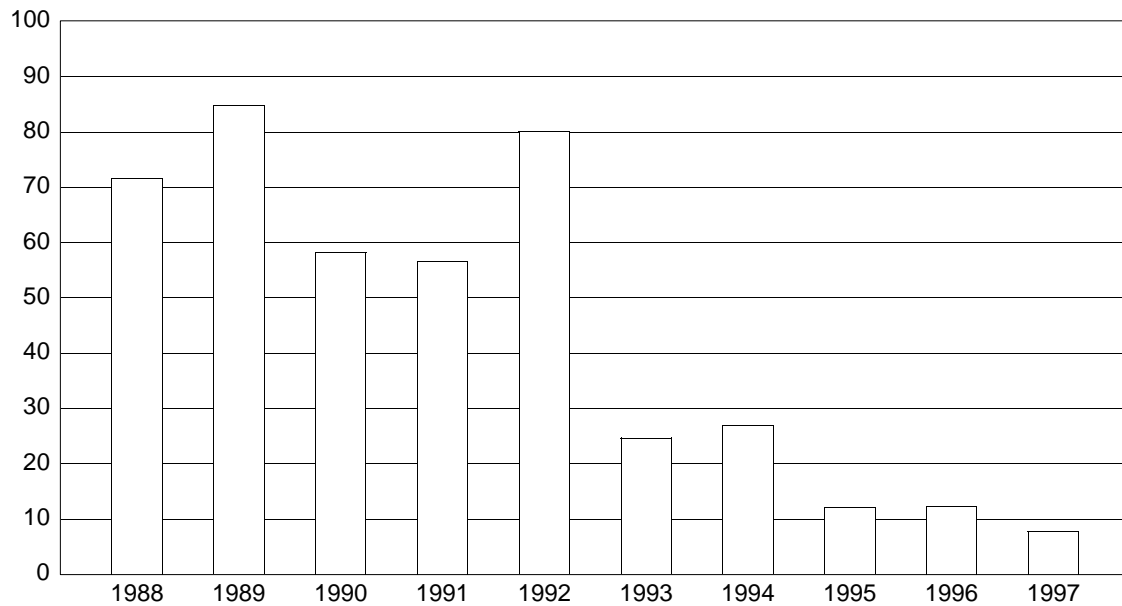
VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)



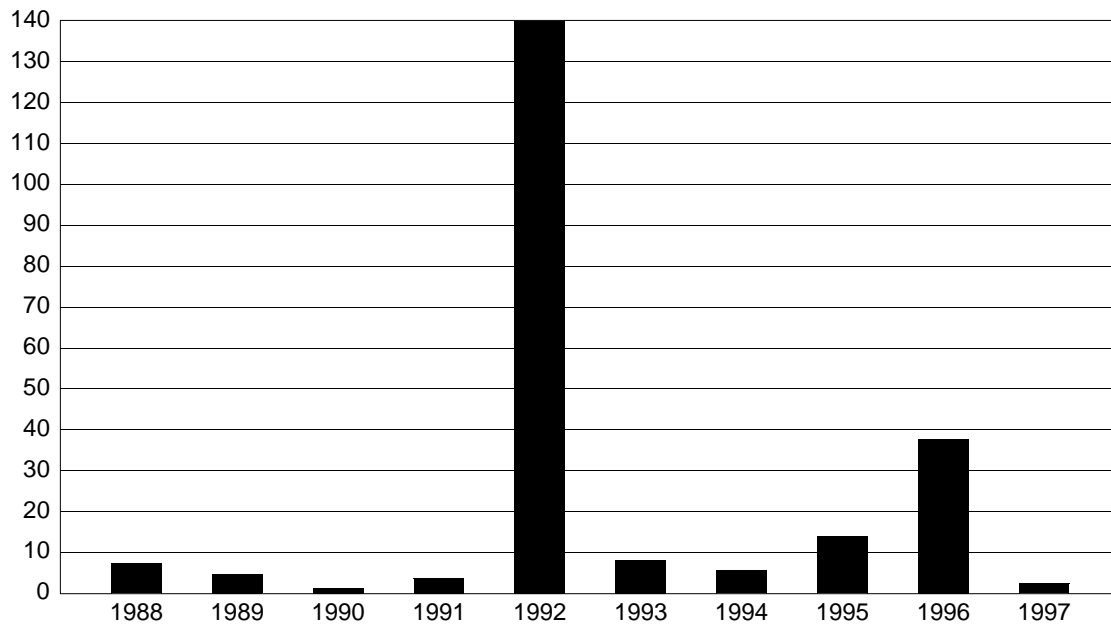
CENTRAL COMPACT Comparison By Year

NOTE: The years 1988 through 1997 include all states currently being reported in the Central compact region.

Volumes in Cubic Feet x 1000



Activities in Curies x 1000

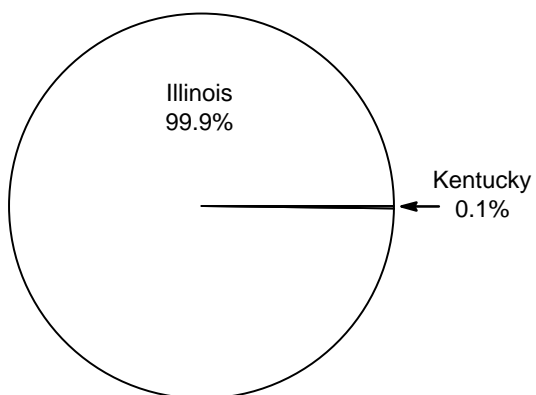


CENTRAL MIDWEST COMPACT

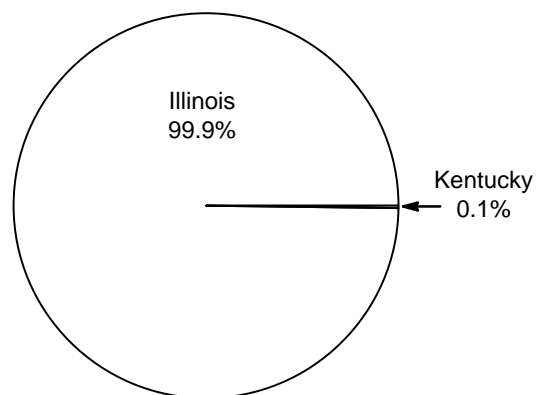
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

States	Volume (ft ³)	Activity (curies)
Illinois	37,449.46	18,385.23
Kentucky	28.67	.38
Total	37,478.13	18,385.61

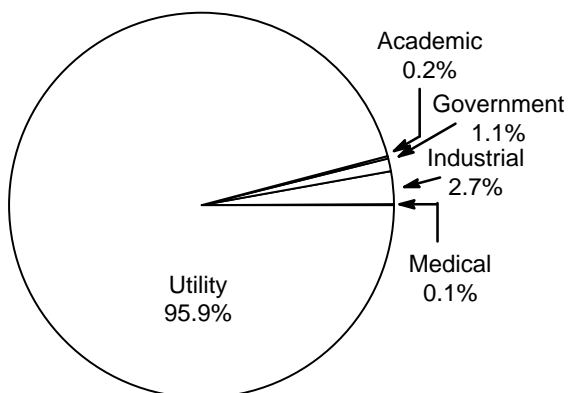
VOLUME PERCENTAGE BY STATE
(Percentages <.1% are not displayed)



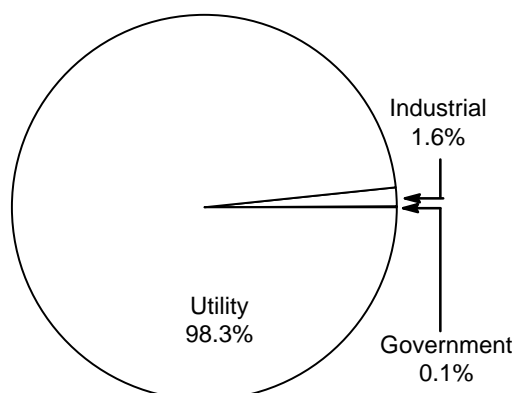
ACTIVITY PERCENTAGE BY STATE
(Percentages <.1% are not displayed)



VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

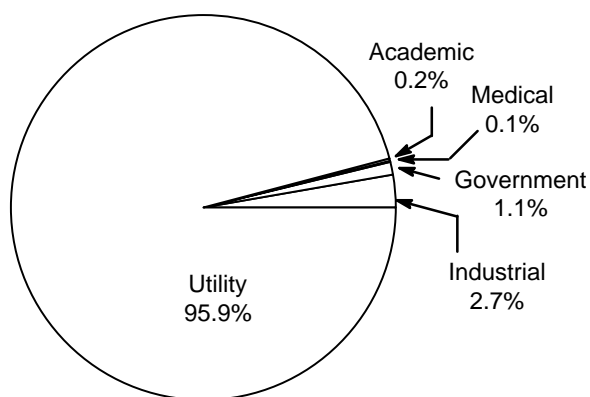


ILLINOIS

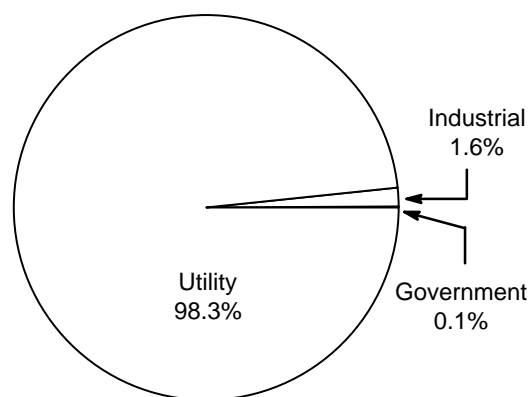
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	76.65	2.29
Government	397.16	24.97
Industrial	1,027.36	287.85
Medical	27.64	2.57
Utility	35,920.65	18,067.56
Total	37,449.46	18,385.23

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

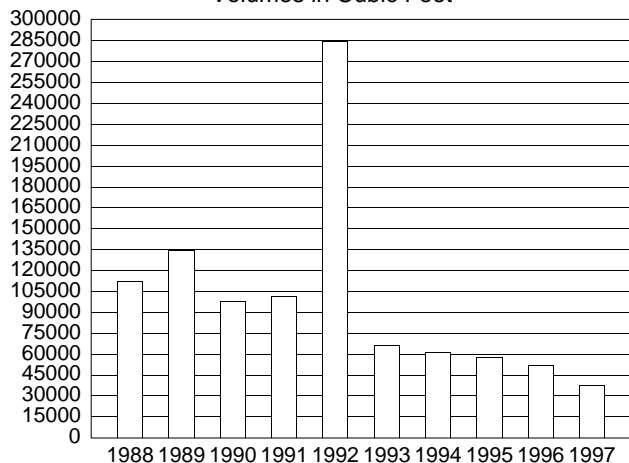


ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

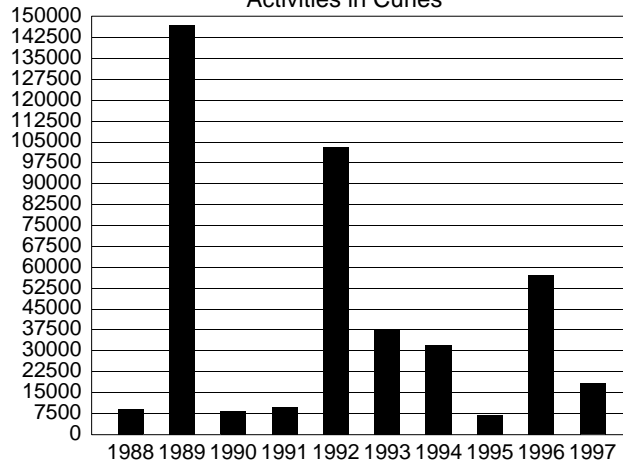


COMPARISON BY YEAR

Volumes in Cubic Feet



Activities in Curies

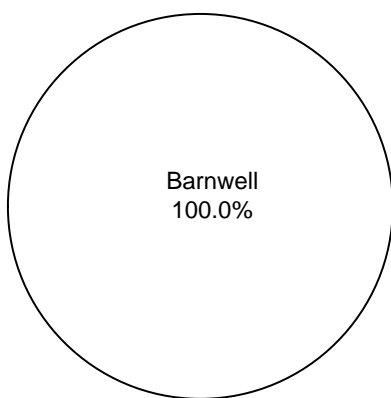


ILLINOIS

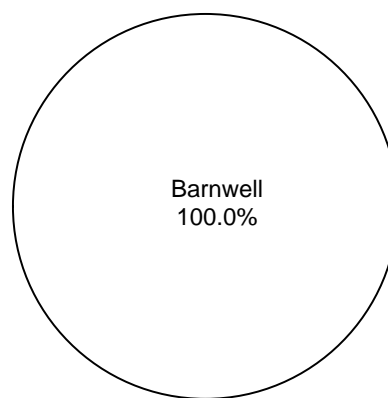
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>37,449.46</u>	<u>18,385.23</u>
Total	37,449.46	18,385.23

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



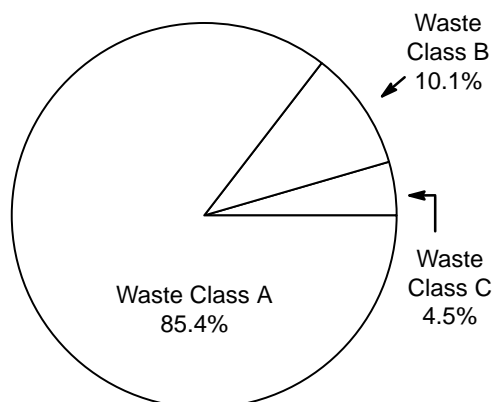
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	31,987.91
B	3,790.10
C	<u>1,671.45</u>
Total	37,449.46

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

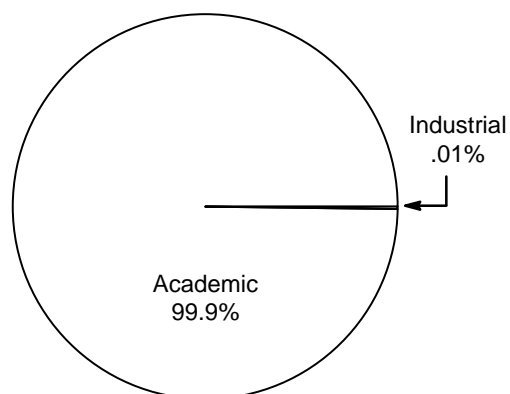


KENTUCKY

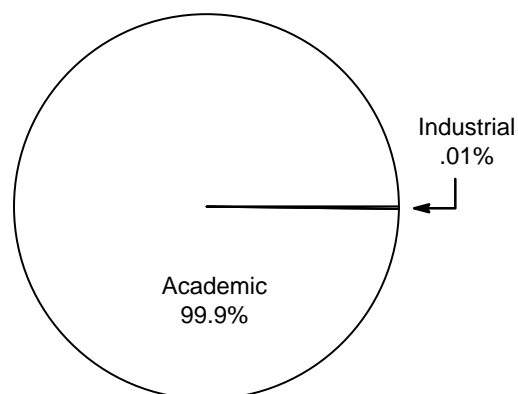
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	28.07	.38
Industrial	.60	<.01
Total	28.67	.38

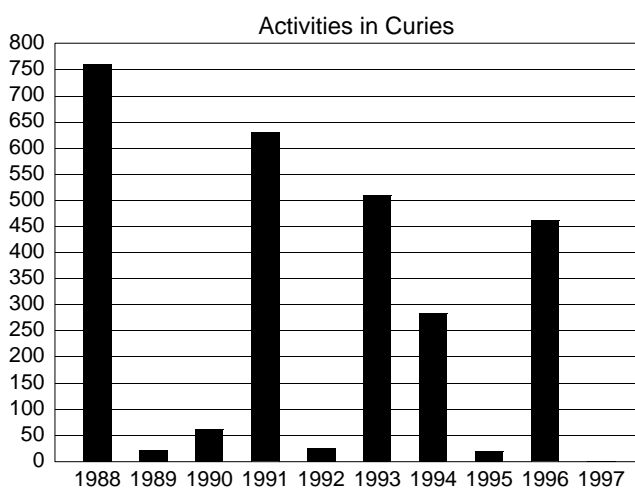
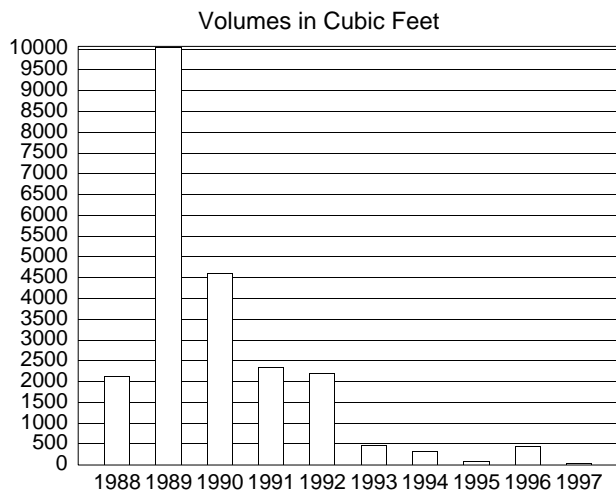
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

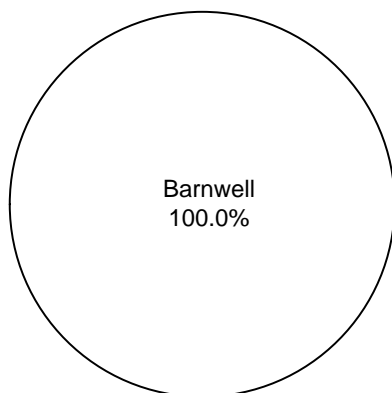


KENTUCKY

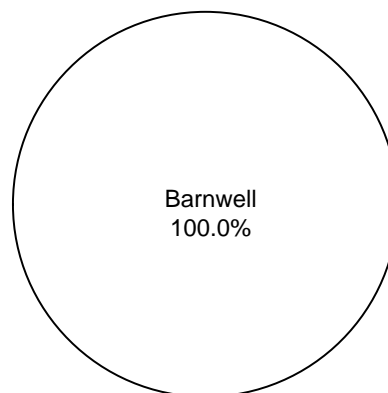
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>28.67</u>	<u>.38</u>
Total	28.67	.38

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



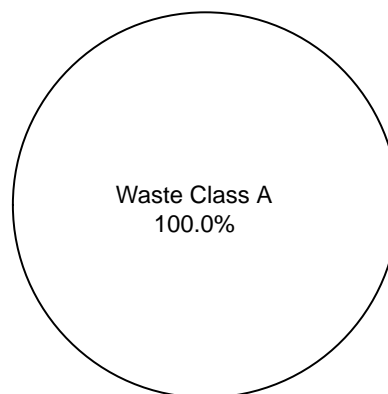
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	28.67
B	0
C	<u>0</u>
Total	28.67

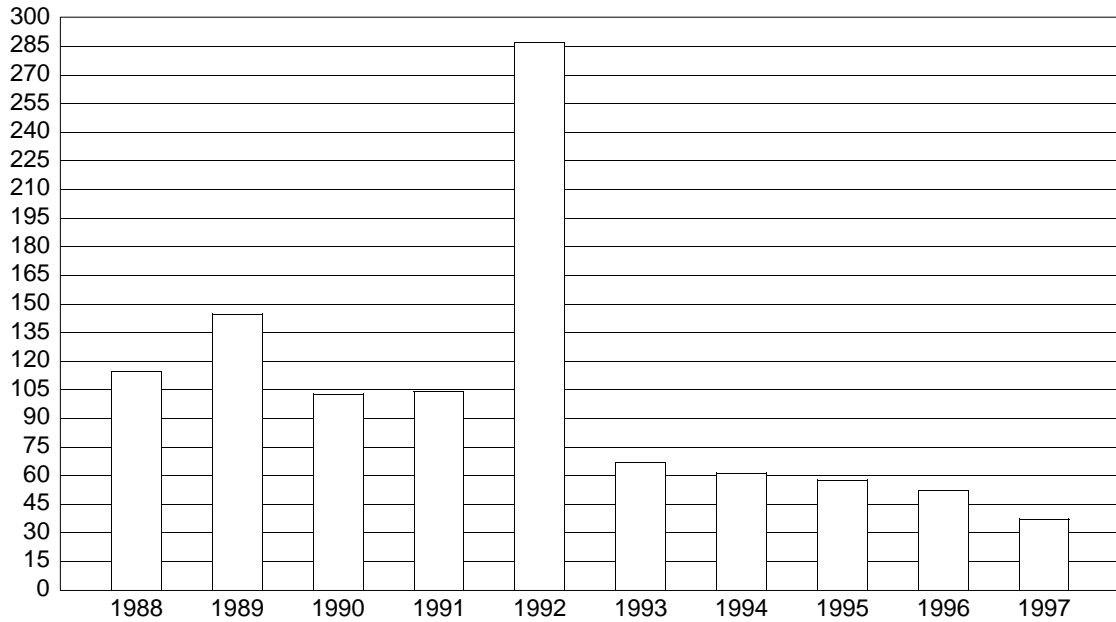
VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)



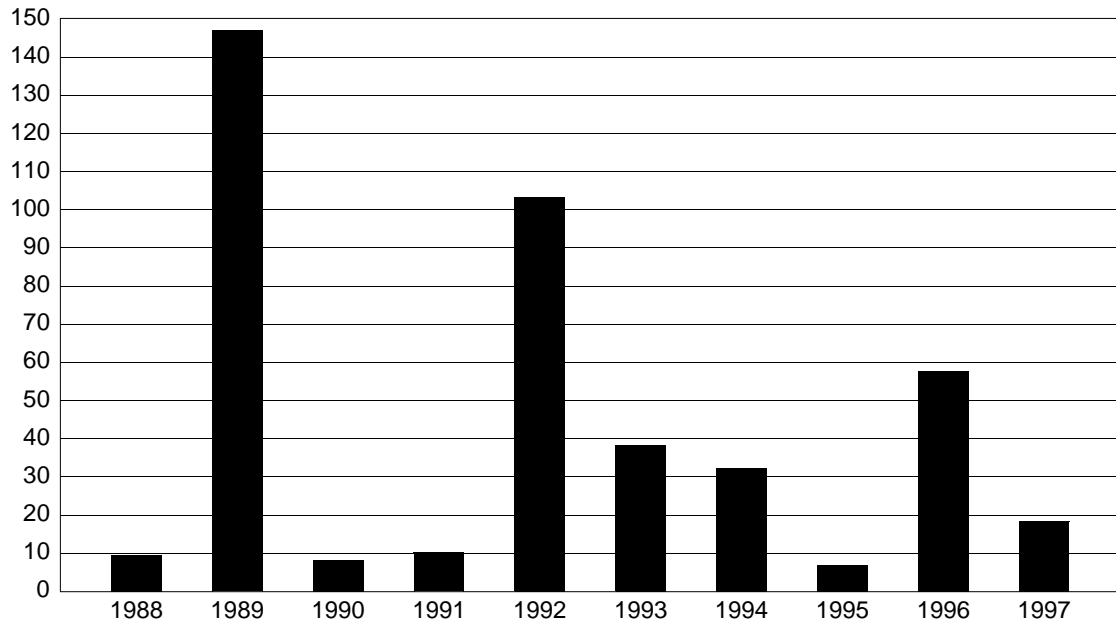
CENTRAL MIDWEST COMPACT Comparison By Year

NOTE: The years 1988 through 1997 include all states currently being reported in the Central Midwest compact region.

Volumes in Cubic Feet x 1000



Activities in Curies x 1000

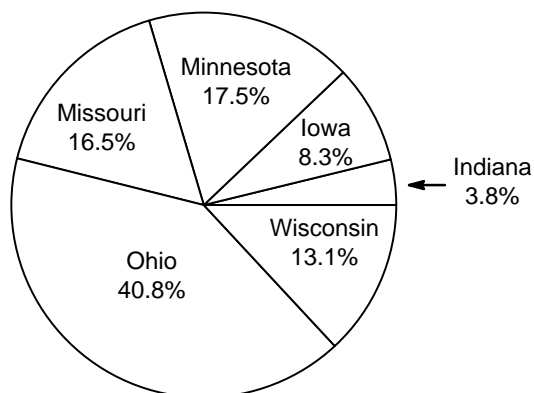


MIDWEST COMPACT

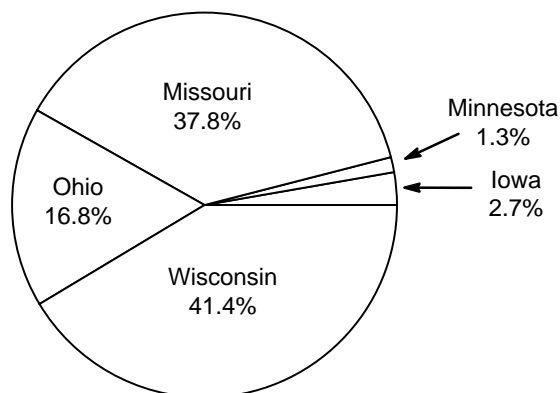
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

States	Volume (ft ³)	Activity (curies)
Indiana	380.93	.89
Iowa	829.66	174.15
Minnesota	1,751.67	82.73
Missouri	1,651.69	2,426.49
Ohio	4,074.20	1,076.32
Wisconsin	1,305.23	2,651.90
Total	9,993.38	6,412.48

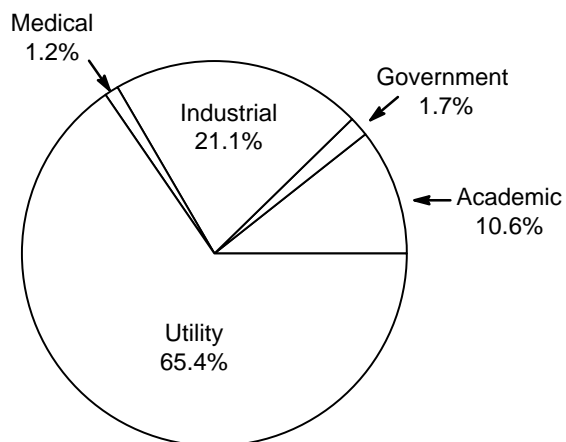
VOLUME PERCENTAGE BY STATE
(Percentages <.1% are not displayed)



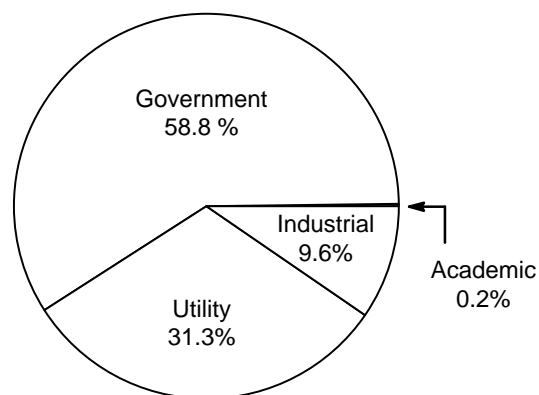
ACTIVITY PERCENTAGE BY STATE
(Percentages <.1% are not displayed)



VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

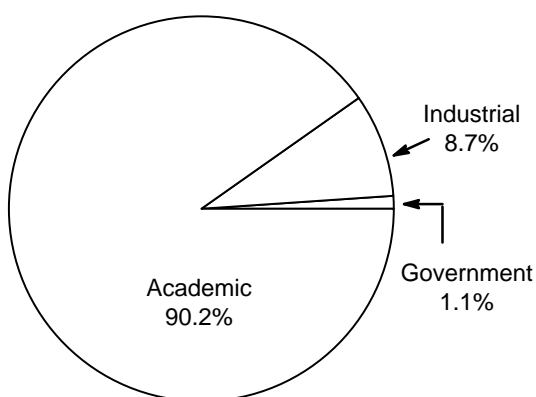


INDIANA

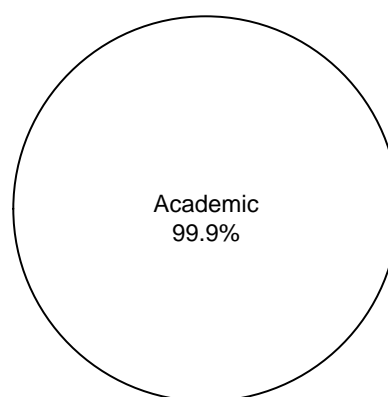
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	343.69	.88
Government	4.32	<.01
Industrial	32.92	<.01
Total	380.93	.89

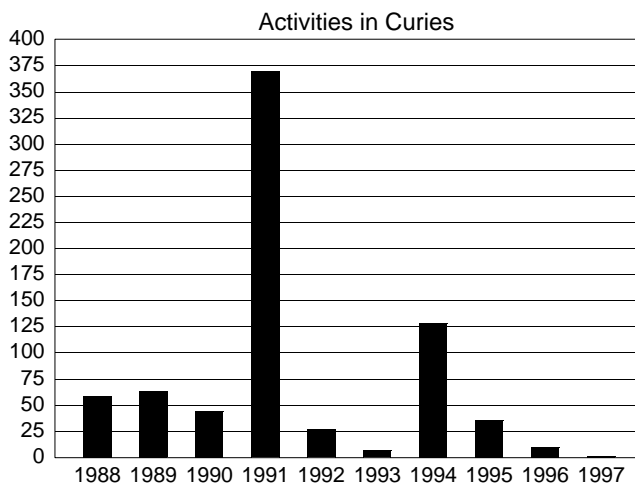
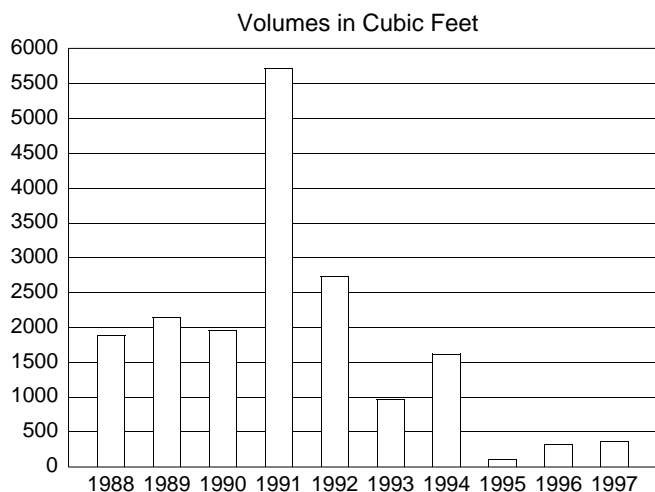
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

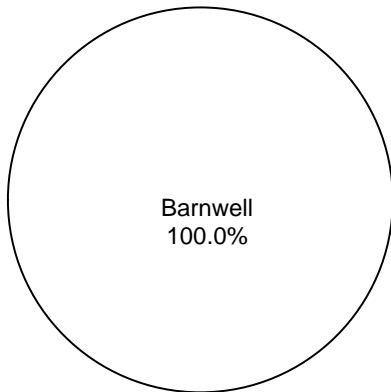


INDIANA

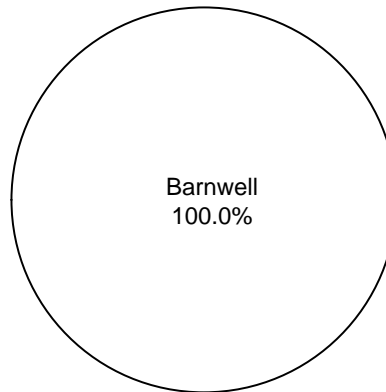
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	380.93	.89
Total	380.93	.89

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



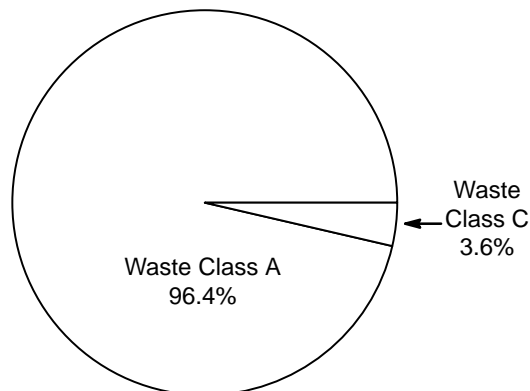
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

Waste Class	Volume (ft ³)
A	367.33
B	0
C	13.60
Total	380.93

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

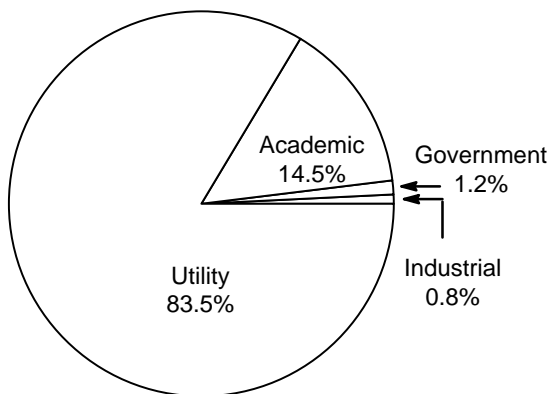


IOWA

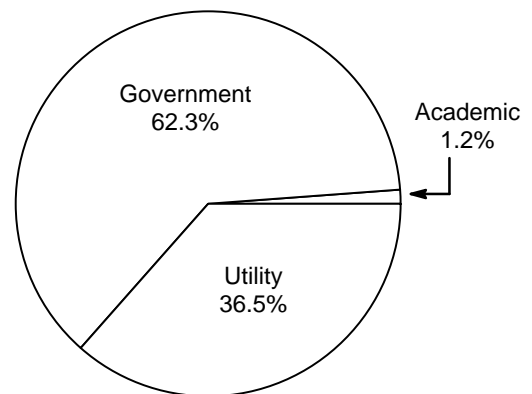
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	120.32	2.09
Government	10.20	108.52
Industrial	6.24	.04
Utility	692.90	63.50
Total	829.66	174.15

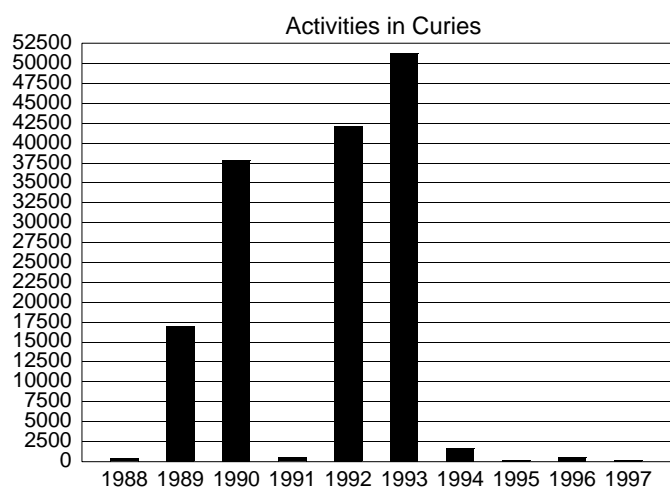
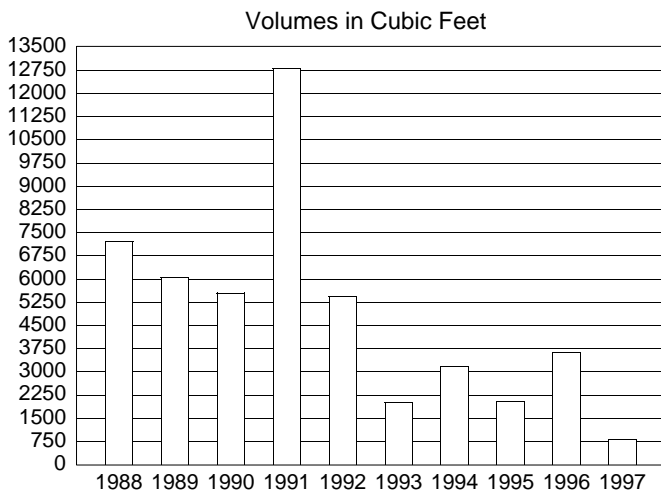
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

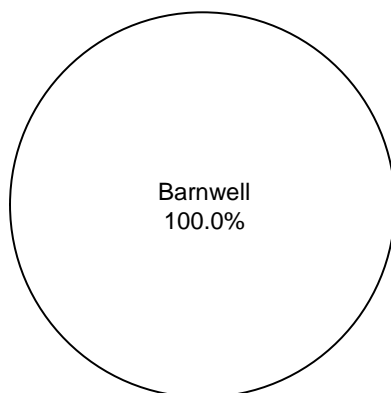


IOWA

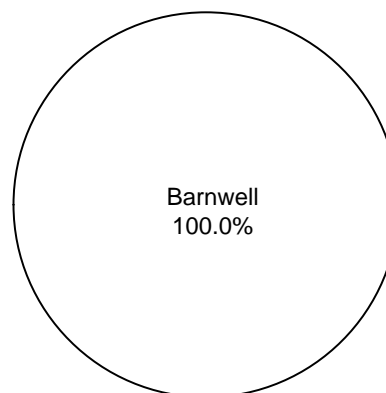
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>829.66</u>	<u>174.15</u>
Total	829.66	174.15

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



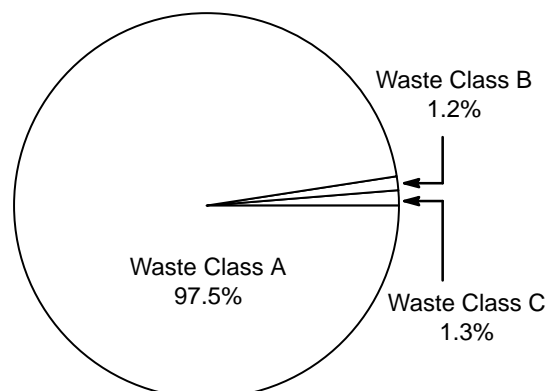
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	808.72
B	10.20
C	<u>10.74</u>
Total	829.66

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

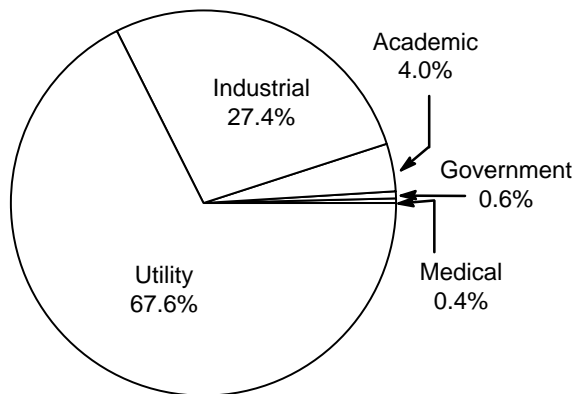


MINNESOTA

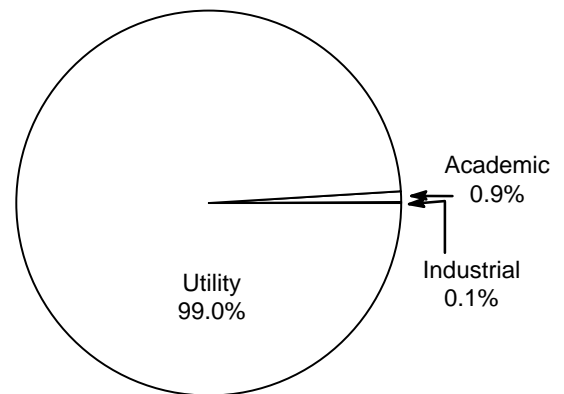
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	69.16	.74
Government	9.80	<.01
Industrial	479.52	.10
Medical	7.56	<.01
Utility	1,185.63	81.90
Total	1,751.67	82.73

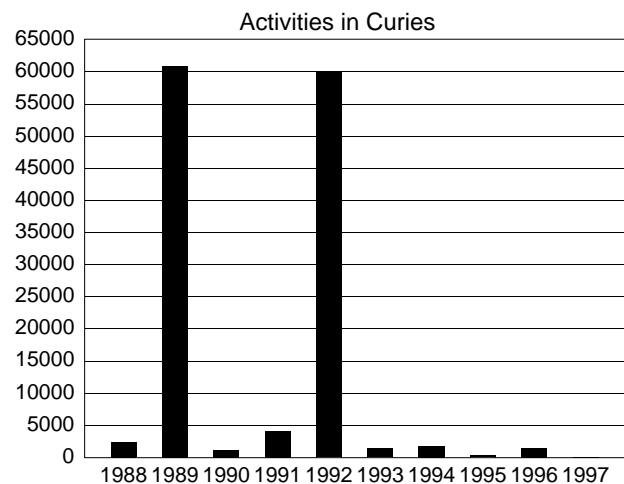
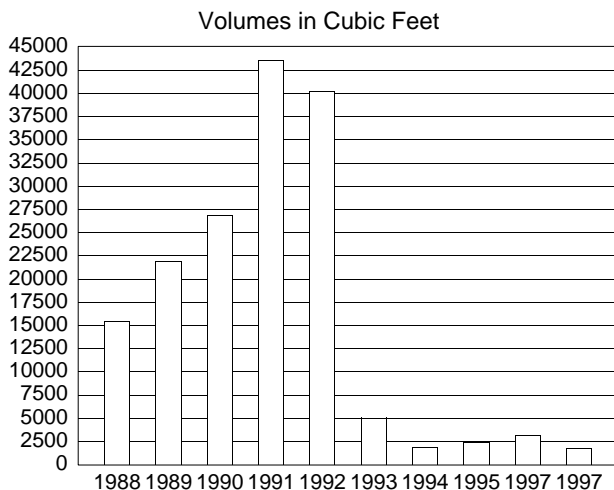
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

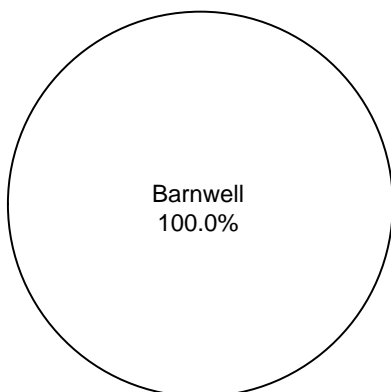


MINNESOTA

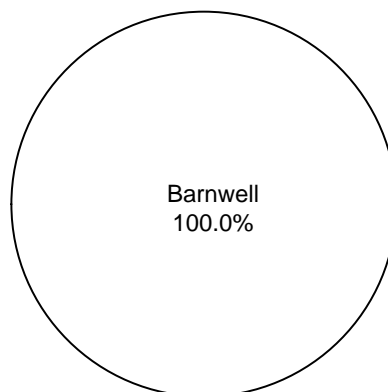
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	1,751.67	82.73
Total	1,751.67	82.73

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



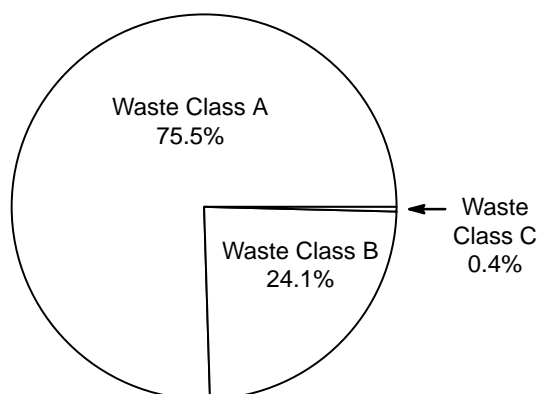
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

Waste Class	Volume (ft ³)
A	1,322.58
B	421.21
C	7.88
Total	1,751.67

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

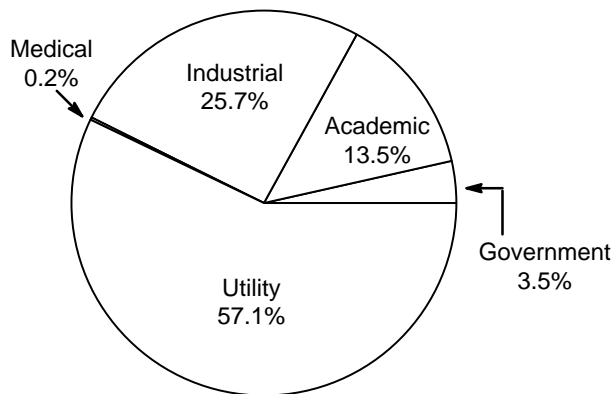


MISSOURI

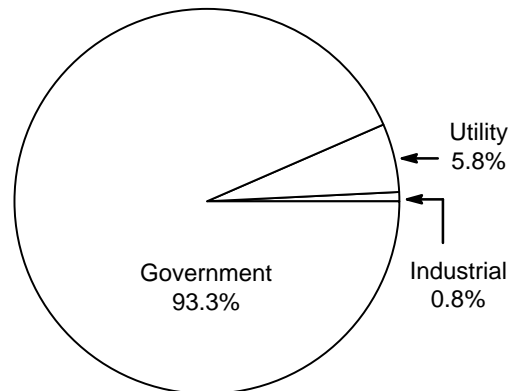
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	223.10	1.47
Government	57.70	2,262.99
Industrial	423.99	20.21
Medical	3.70	.67
Utility	943.20	141.15
Total	1,651.69	2,426.49

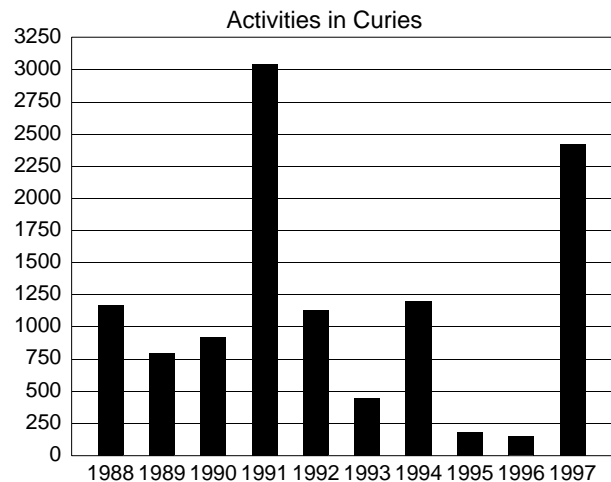
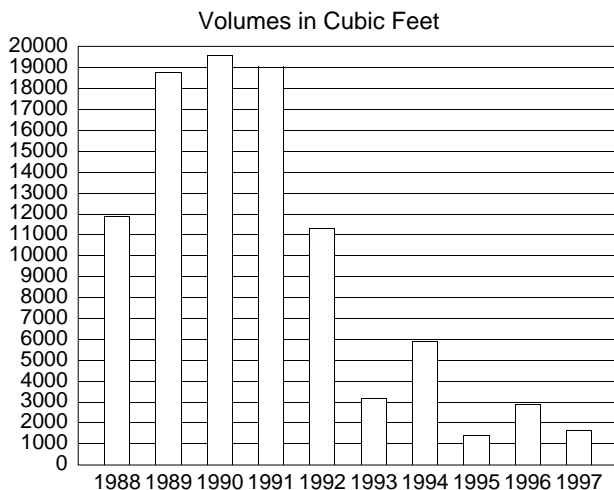
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

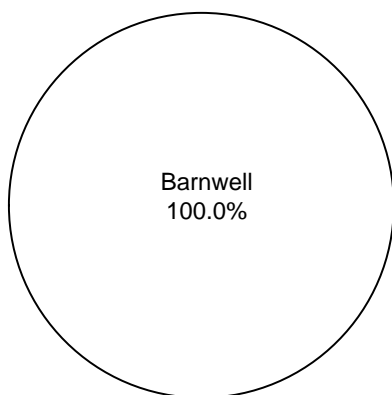


MISSOURI

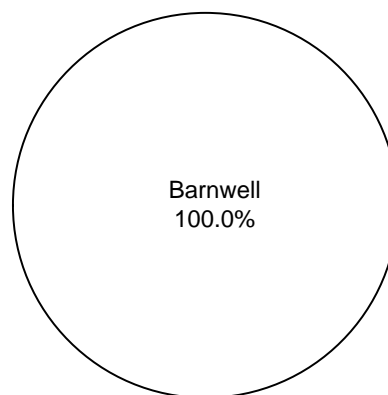
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>1,651.69</u>	<u>2,426.49</u>
Total	1,651.69	2,426.49

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

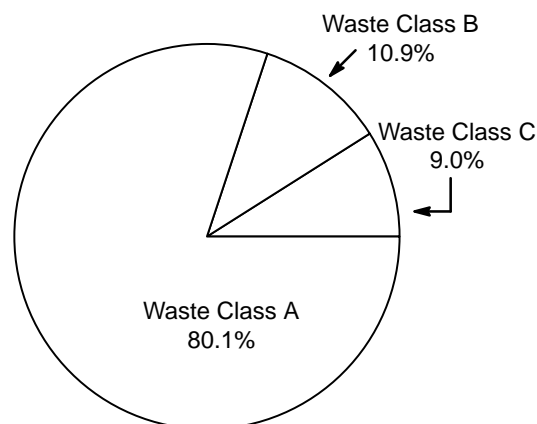


VOLUME BY WASTE CLASS

<u>Waste Class</u>
A
B
C
Total

<u>Volume (ft³)</u>
1,322.63
179.30
149.76
<u>1,651.69</u>

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

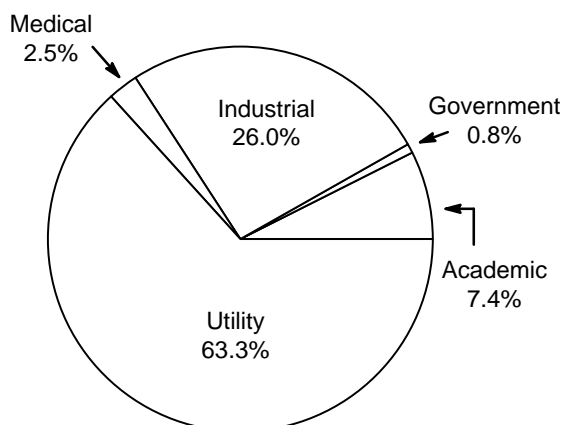


OHIO

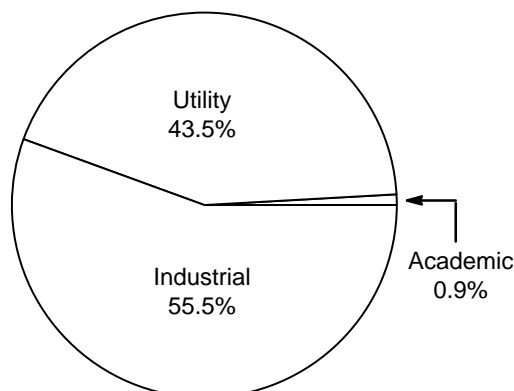
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	301.65	9.79
Government	33.42	.57
Industrial	1,058.70	597.76
Medical	103.60	.41
Utility	2,576.83	467.78
Total	4,074.20	1,076.32

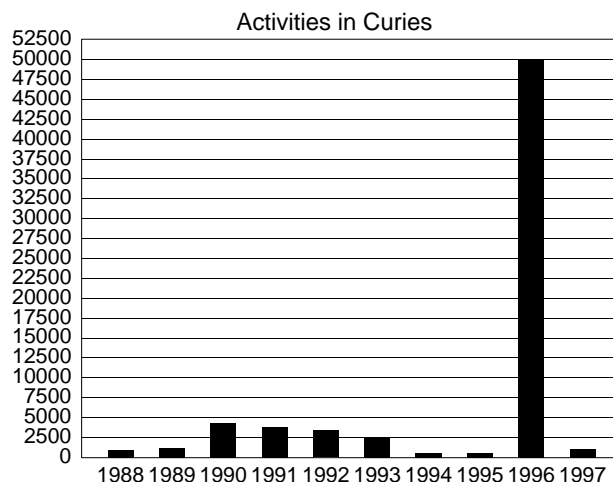
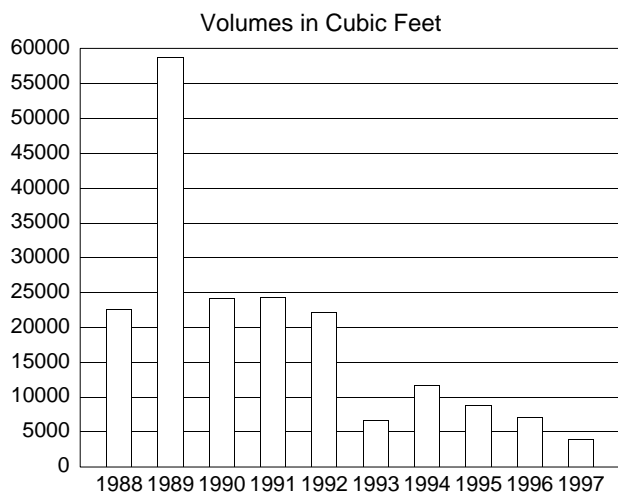
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

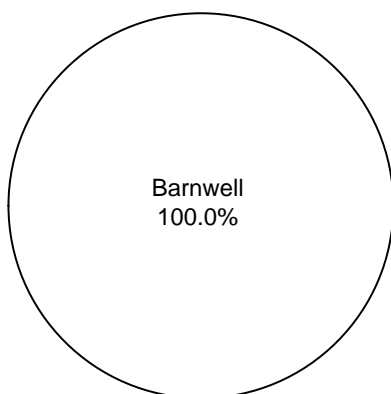


OHIO

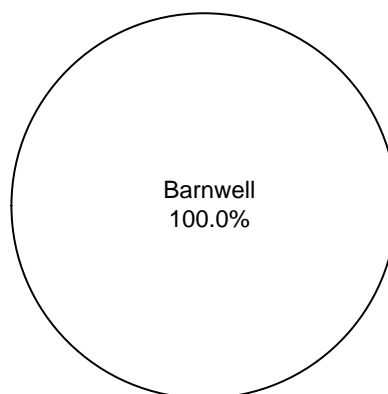
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>4,074.20</u>	<u>1,076.32</u>
Total	4,074.20	1,076.32

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



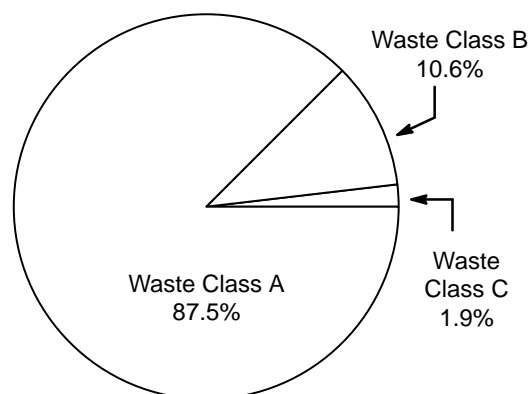
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	3,566.50
B	431.40
C	<u>76.30</u>
Total	4,074.20

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

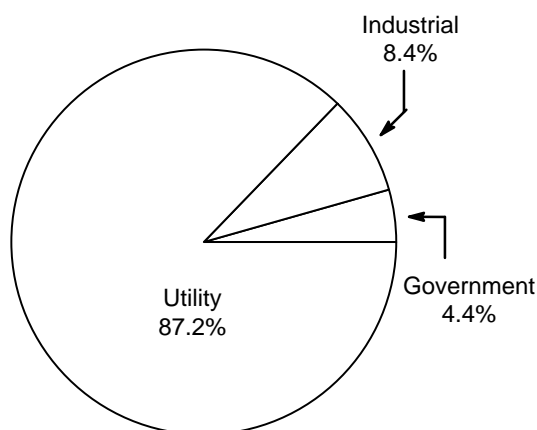


WISCONSIN

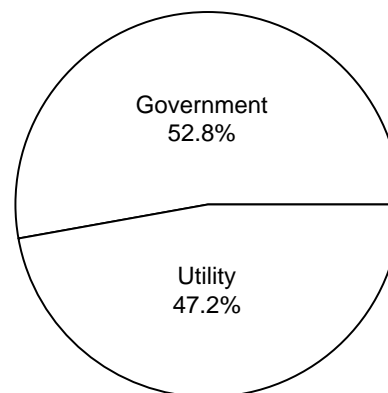
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	1.00	<.01
Government	56.90	1,400.69
Industrial	109.39	.08
Utility	1,137.94	1,251.13
Total	1,305.23	2,651.90

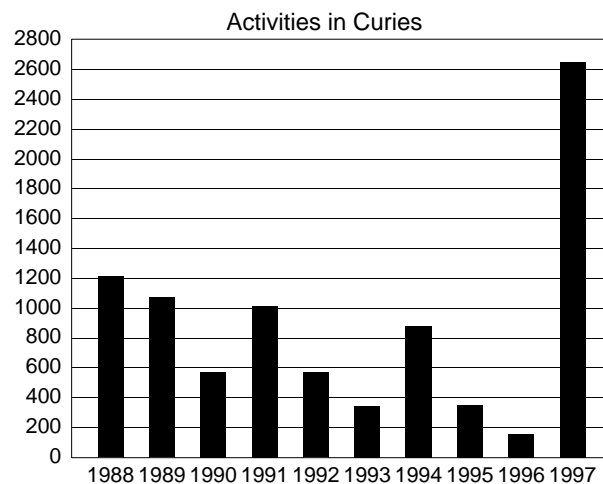
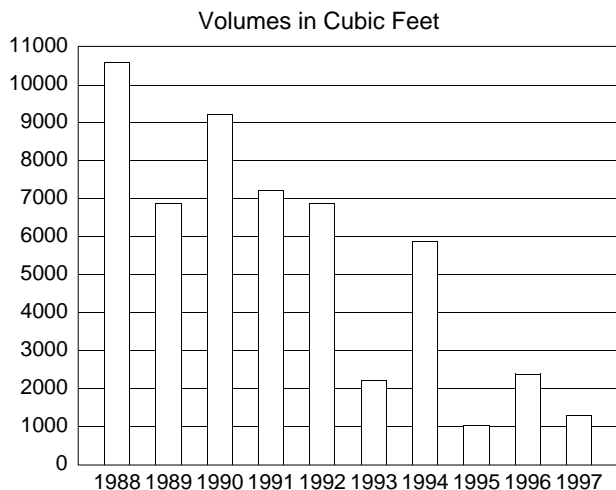
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

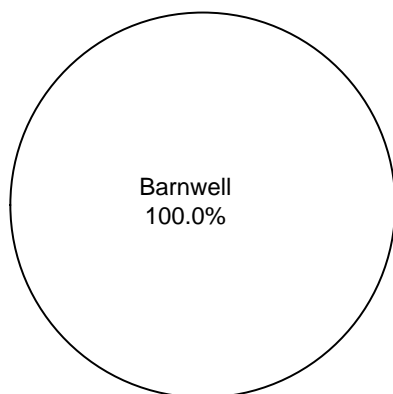


WISCONSIN

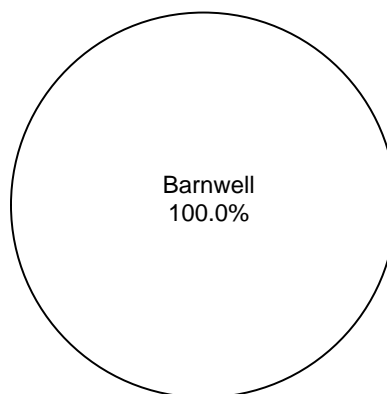
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>1,305.23</u>	<u>2,651.90</u>
Total	1,305.23	2,651.90

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



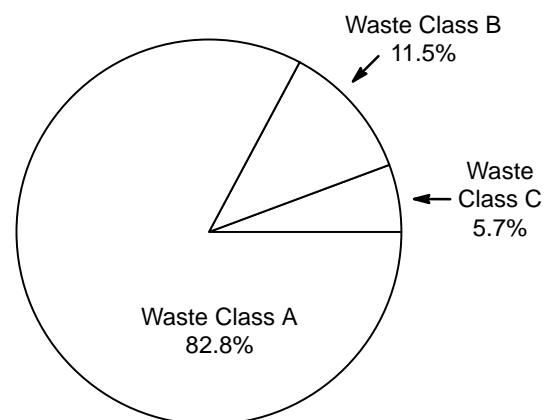
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	1,080.70
B	150.40
C	<u>74.13</u>
Total	1,305.23

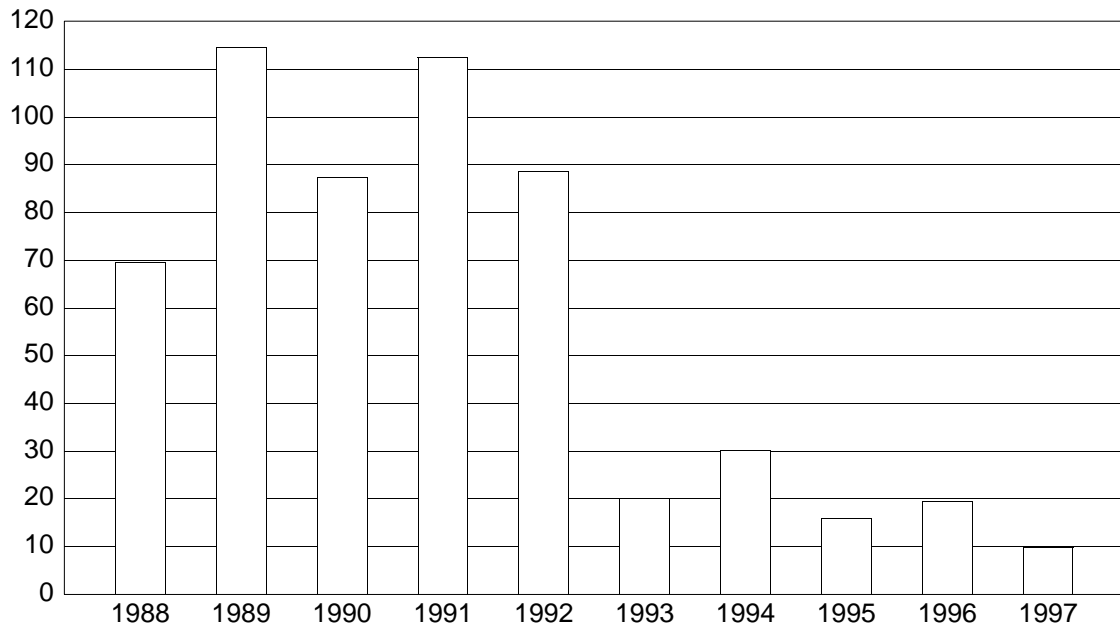
VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)



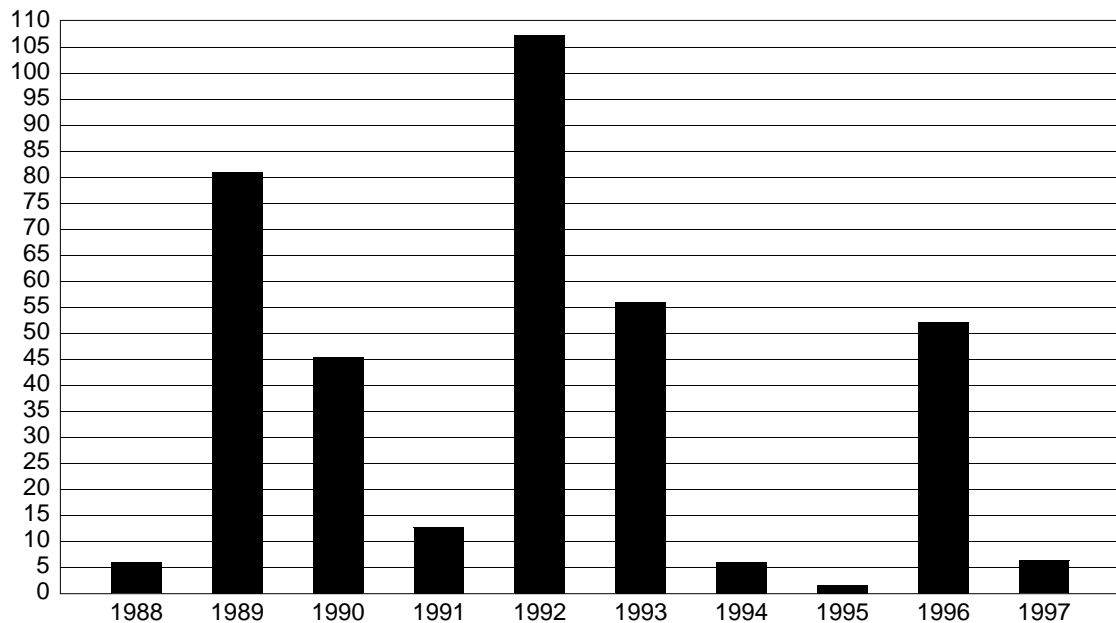
MIDWEST COMPACT Comparison By Year

NOTE: The years 1988 through 1997 include all states currently being reported in the Midwest compact region.

Volumes in Cubic Feet x 1000



Activities in Curies x 1000

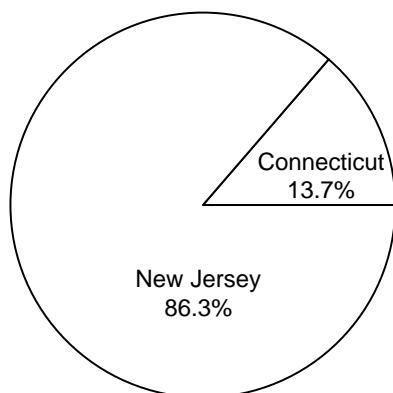


NORTHEAST COMPACT

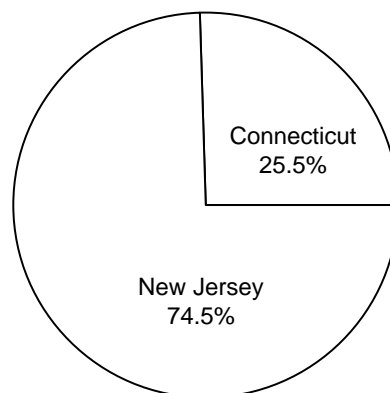
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

States	Volume (ft ³)	Activity (curies)
Connecticut	4,013.05	258.57
New Jersey	25,354.65	754.06
Total	29,367.70	1,012.62

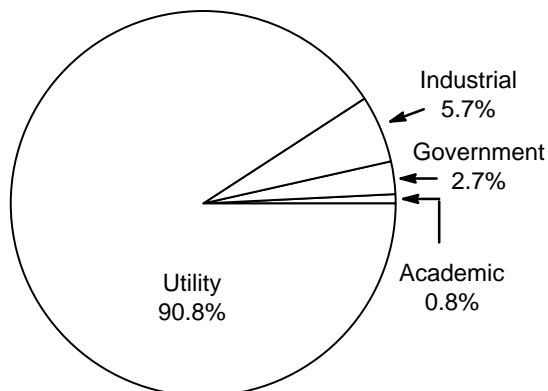
VOLUME PERCENTAGE BY STATE
(Percentages <.1% are not displayed)



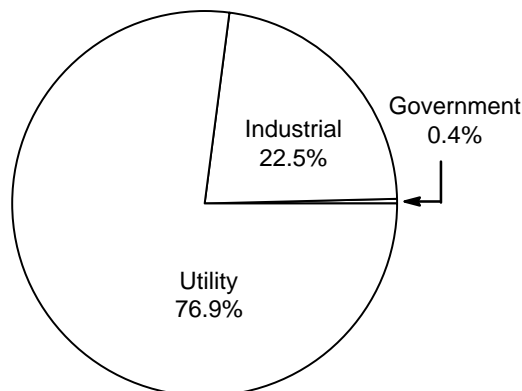
ACTIVITY PERCENTAGE BY STATE
(Percentages <.1% are not displayed)



VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

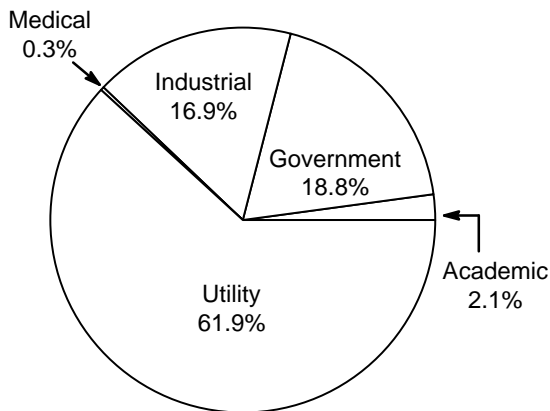


CONNECTICUT

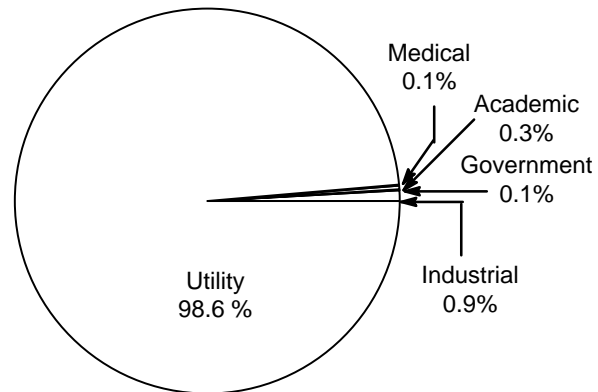
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	82.49	.82
Government	753.00	.21
Industrial	679.07	2.20
Medical	12.44	.40
Utility	2,486.05	254.95
Total	4,013.05	258.57

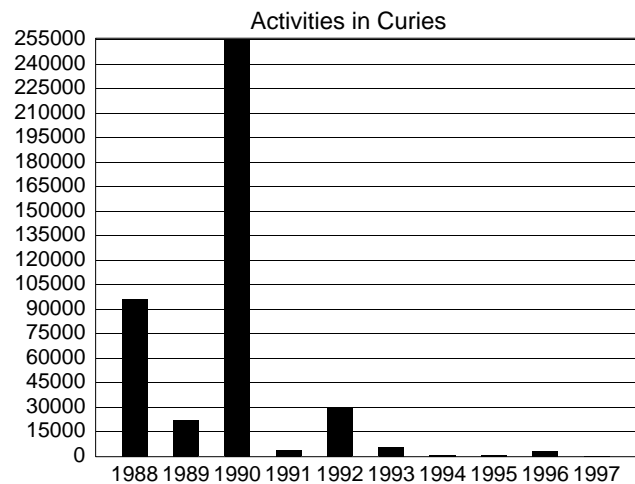
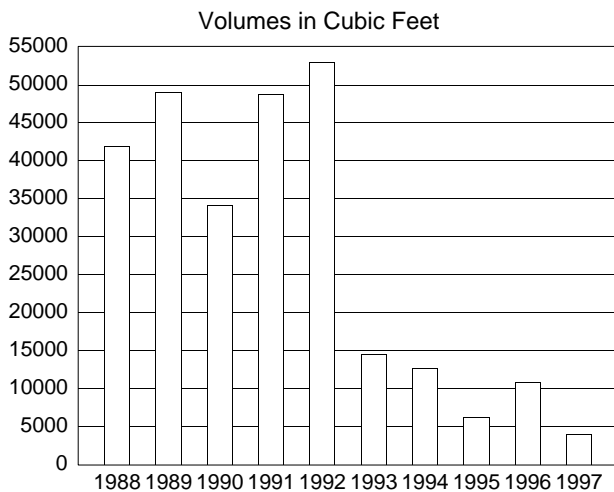
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

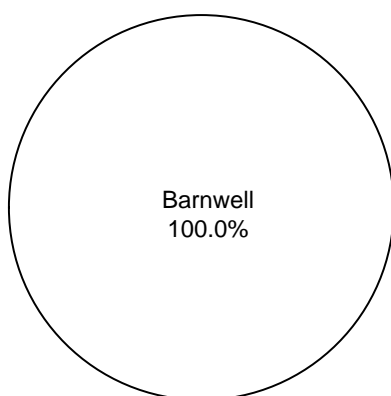


CONNECTICUT

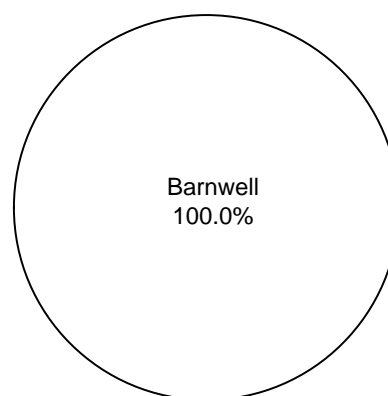
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	4,013.05	258.57
Total	4,013.05	258.57

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



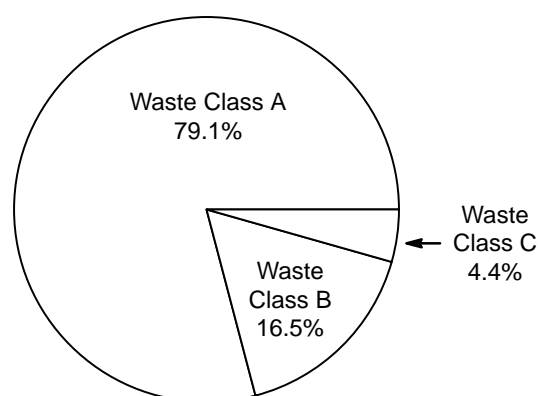
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

Waste Class	Volume (ft ³)
A	3,173.55
B	662.10
C	177.40
Total	4,013.05

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

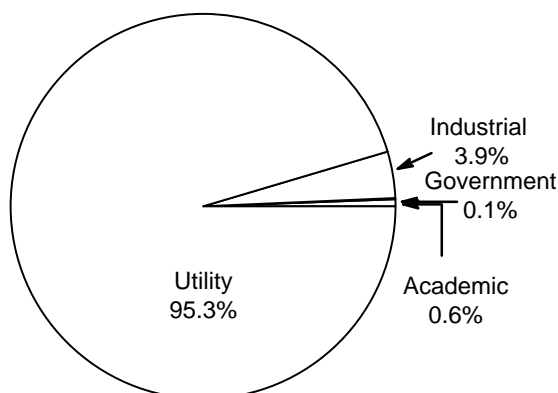


NEW JERSEY

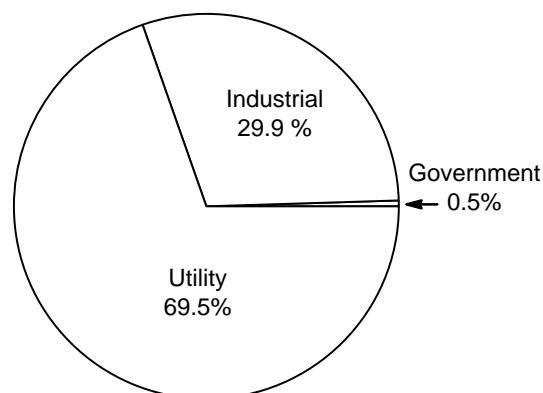
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	158.80	.21
Government	34.20	4.17
Industrial	994.25	225.70
Medical	2.47	<.01
Utility	24,164.93	523.97
Total	25,354.65	754.06

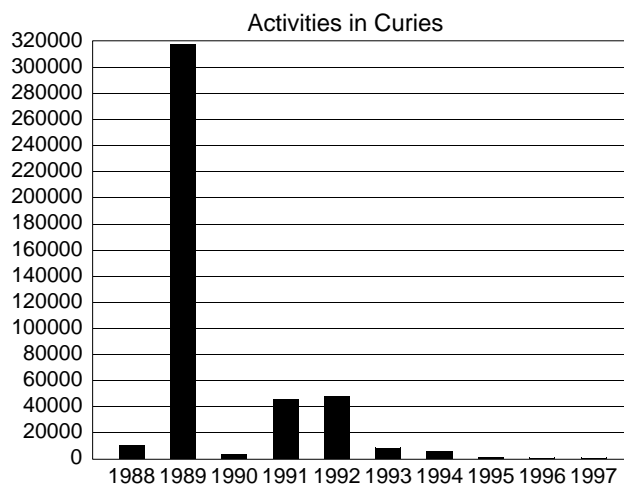
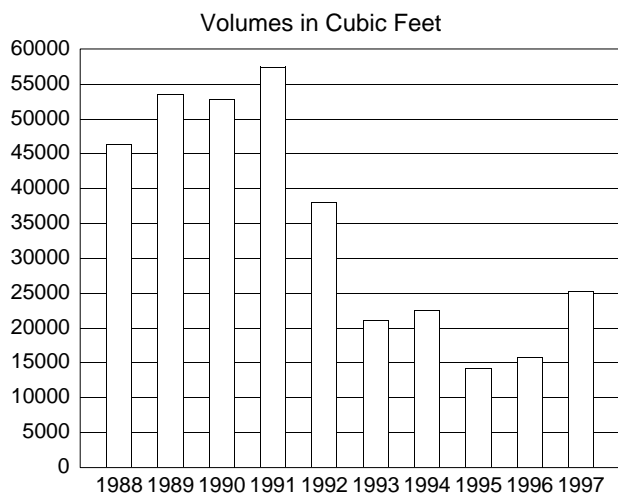
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

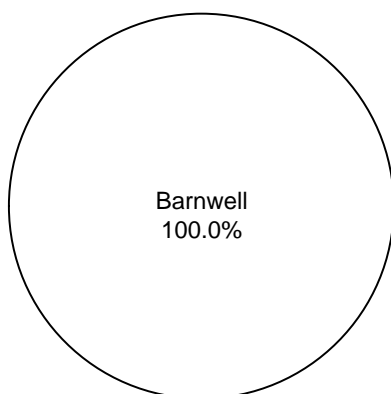


NEW JERSEY

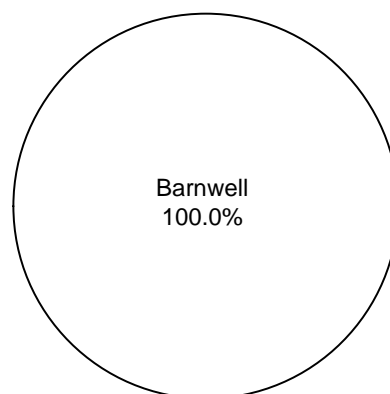
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	25,354.65	754.06
Total	25,354.65	754.06

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



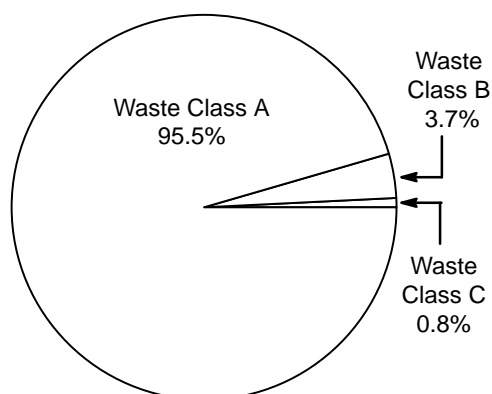
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

Waste Class	Volume (ft ³)
A	24,209.24
B	940.21
C	205.20
Total	25,354.65

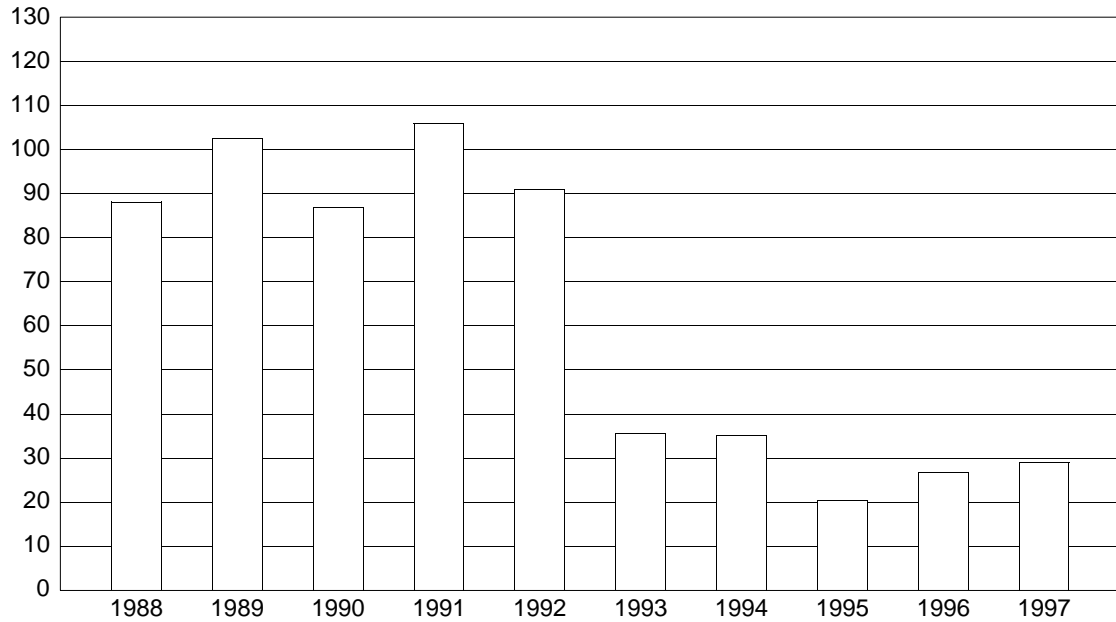
VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)



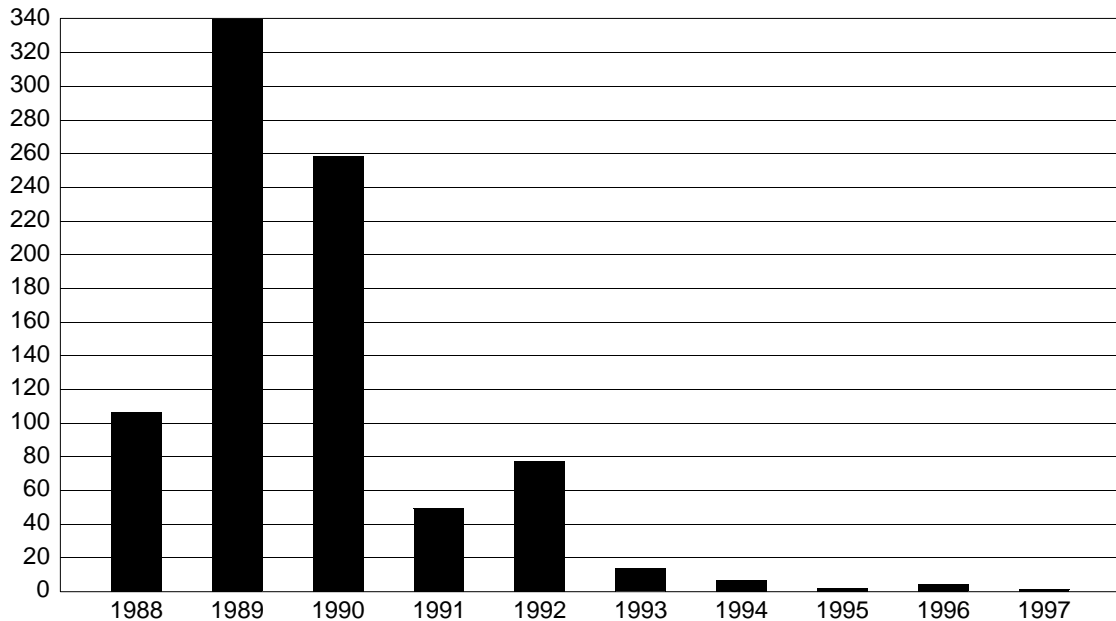
NORTHEAST COMPACT Comparison By Year

NOTE: The years 1988 through 1997 include all states currently being reported in the Northeast compact region.

Volumes in Cubic Feet x 1000



Activities in Curies x 1000

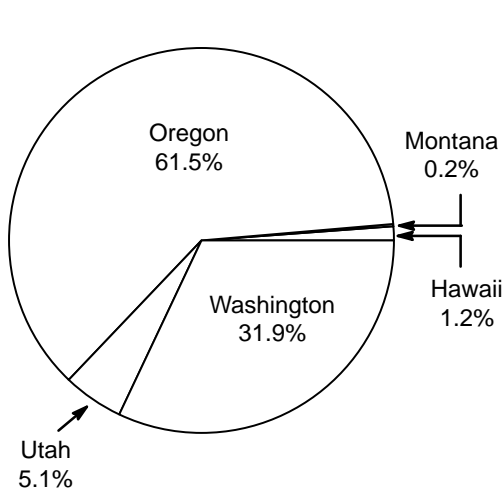


NORTHWEST COMPACT

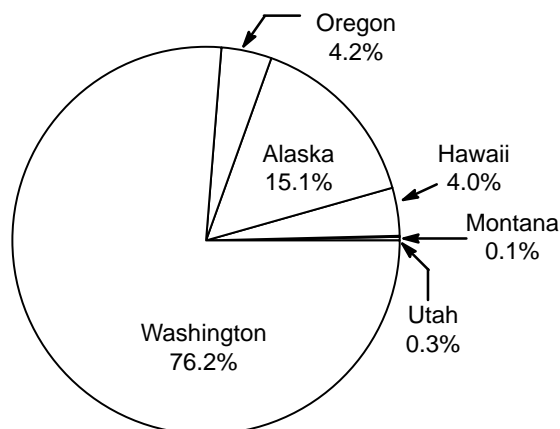
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

States	Volume (ft ³)	Activity (curies)
Alaska	2.00	100.00
Hawaii	1,046.84	26.71
Idaho	29.63	.18
Montana	173.44	.58
Oregon	52,991.18	27.93
Utah	4,385.50	1.76
Washington	27,466.67	504.62
Wyoming	7.88	.54
Total	86,103.14	662.33

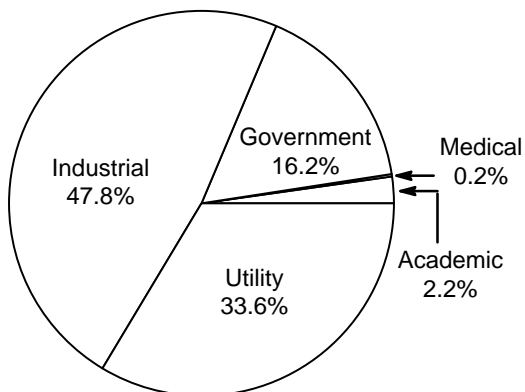
VOLUME PERCENTAGE BY STATE
(Percentages <.1% are not displayed)



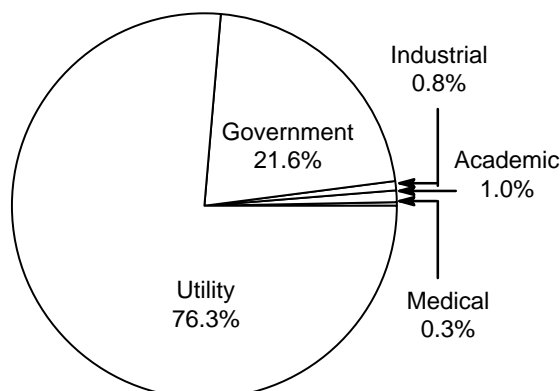
ACTIVITY PERCENTAGE BY STATE
(Percentages <.1% are not displayed)



VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

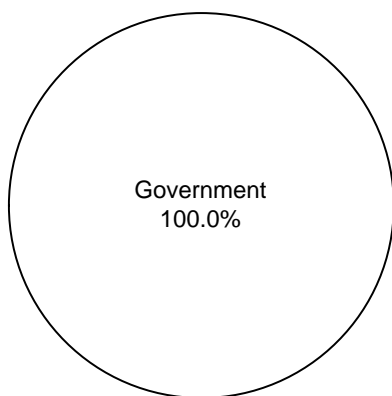


ALASKA

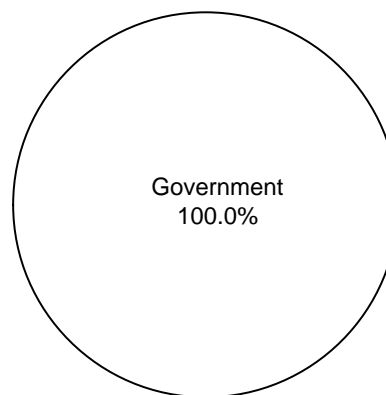
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Government	2.00	100.00
Total	2.00	100.00

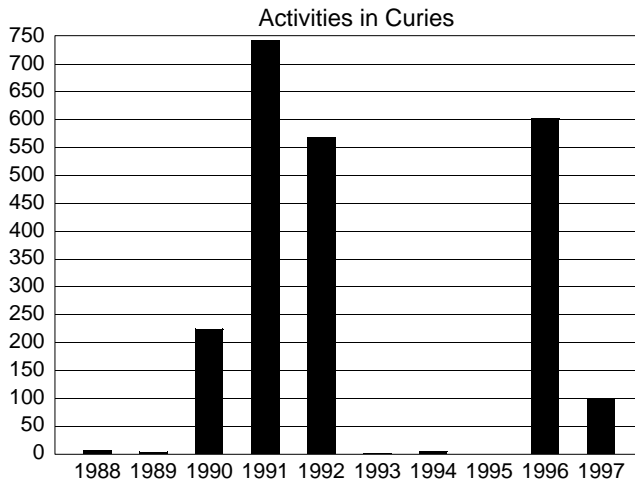
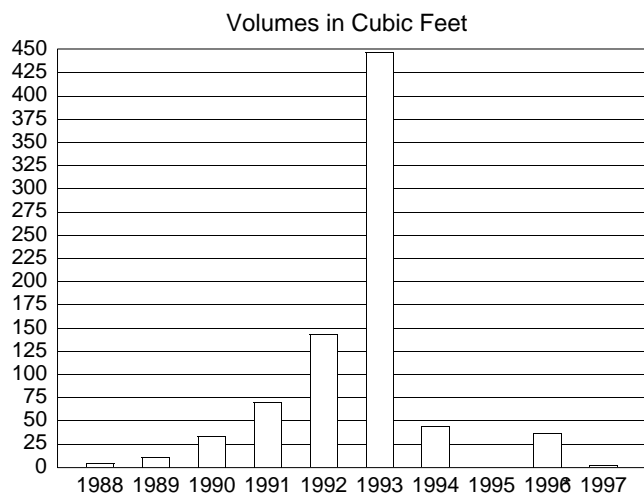
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR



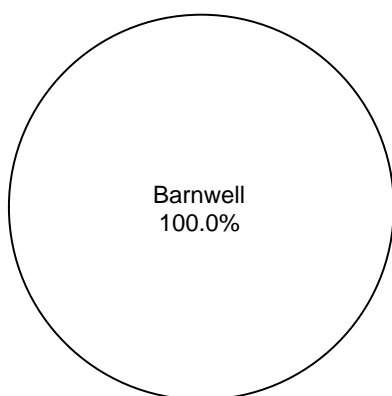
* Note: 1996 values have been adjusted.

ALASKA

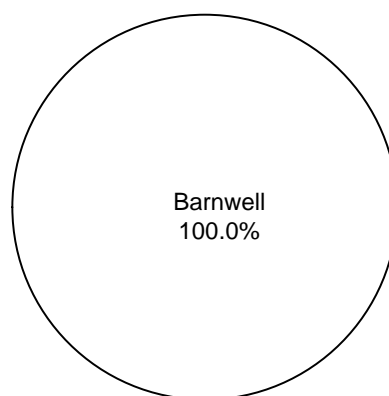
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>2.00</u>	<u>100.00</u>
Total	2.00	100.00

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



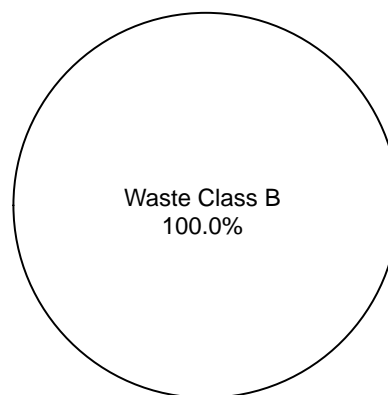
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	0
B	2.00
C	<u>0</u>
Total	2.00

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

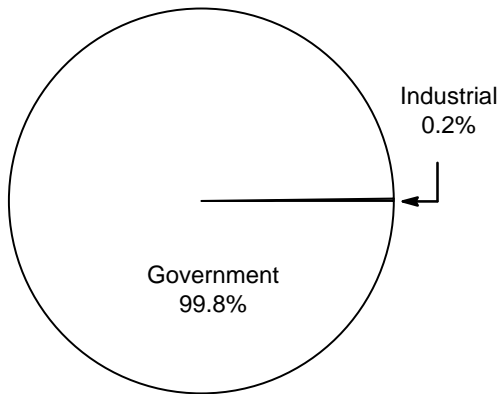


HAWAII

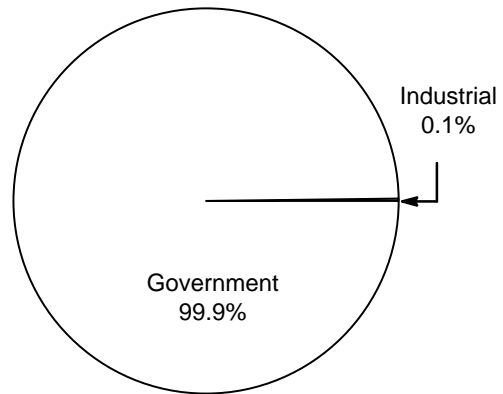
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Government	1,045.23	26.71
Industrial	1.61	<.1
Total	1,046.84	26.71

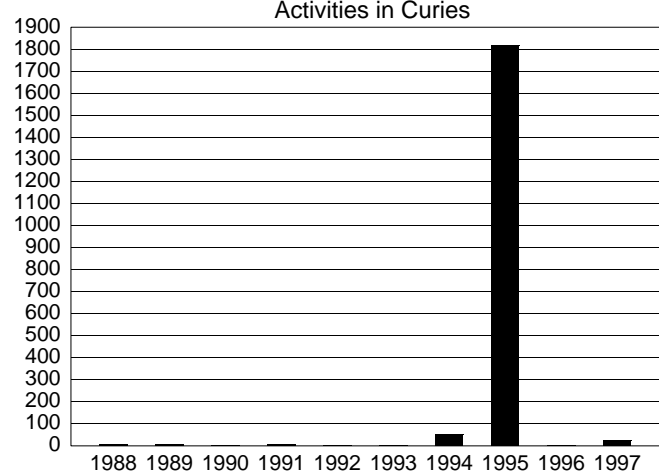
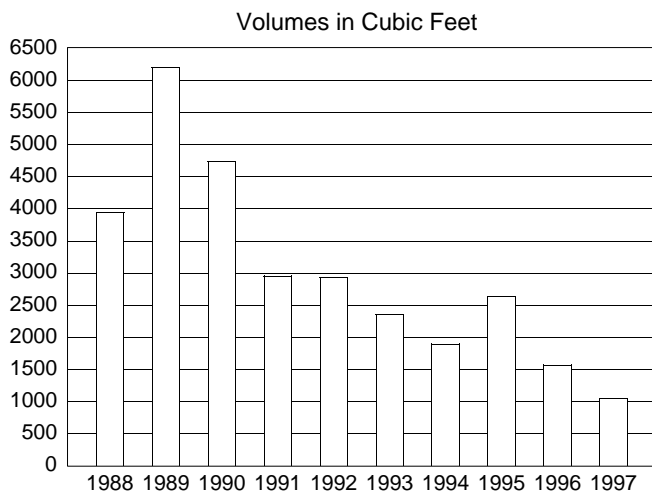
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

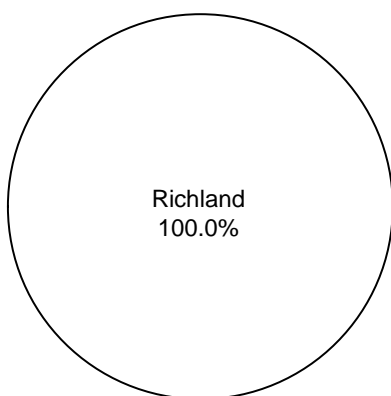


HAWAII

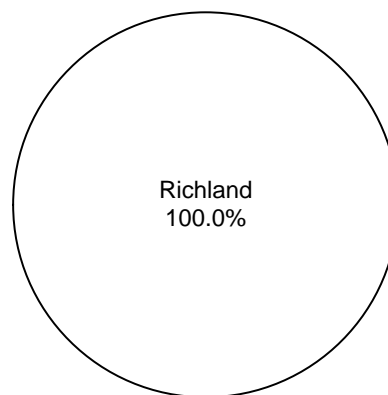
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Richland	<u>1,046.84</u>	<u>26.71</u>
Total	1,046.84	26.71

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



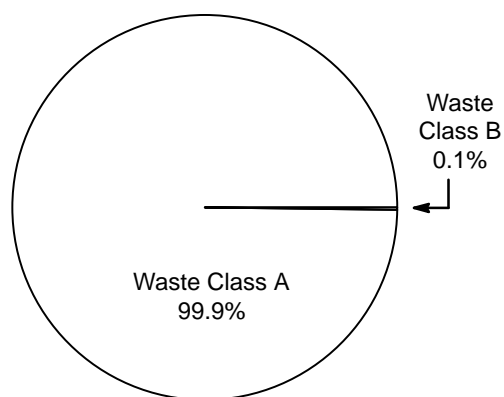
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	1,045.23
B	1.61
C	<u>0</u>
Total	1,046.84

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

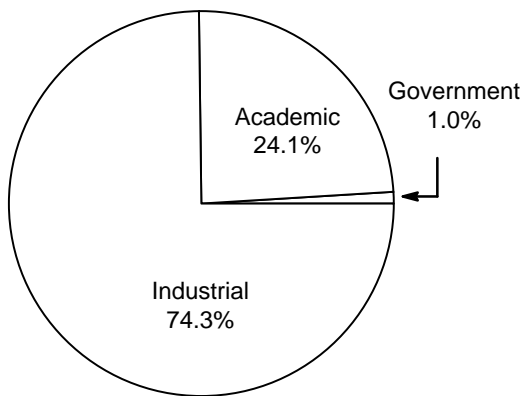


IDAHO

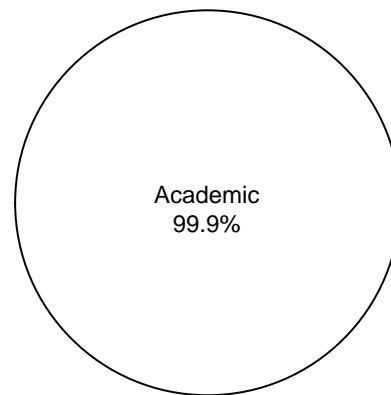
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	7.13	.17
Government	.50	.01
Industrial	22.00	<.01
Total	29.63	.18

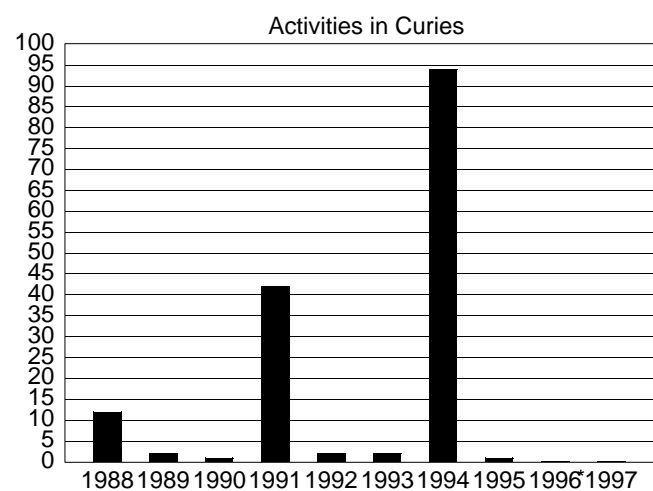
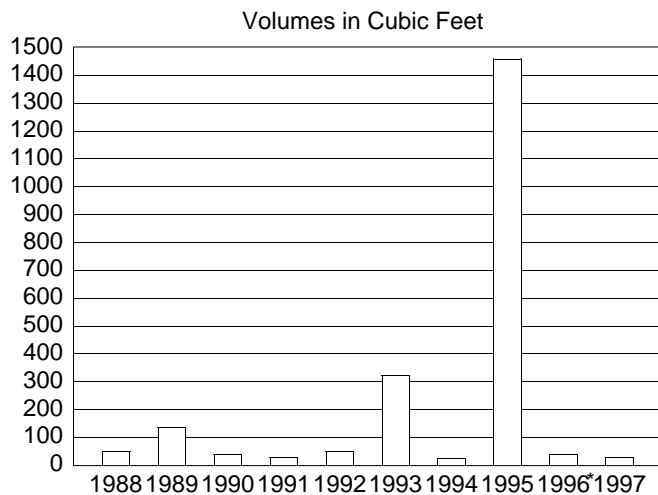
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR



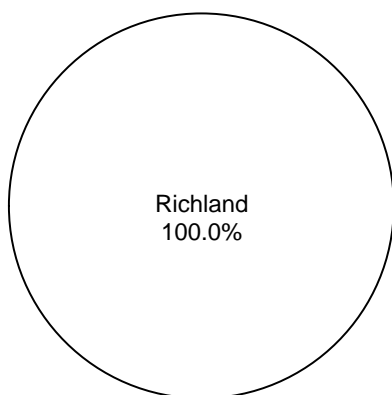
* Note: 1996 values have been adjusted.

IDAHO

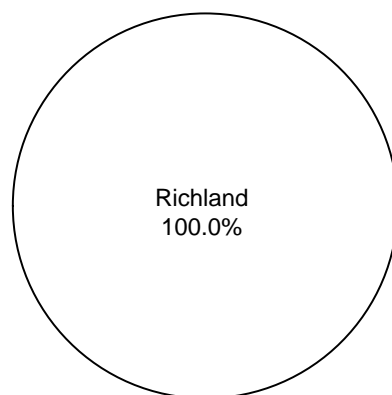
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Richland	<u>29.63</u>	<u>.18</u>
Total	29.63	.18

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



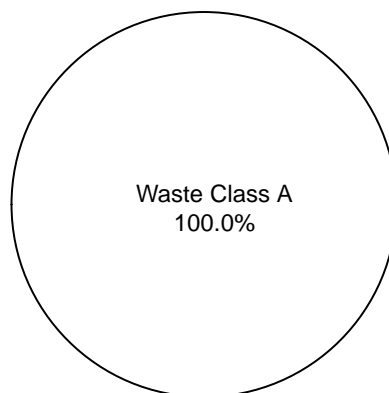
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	29.63
B	0
C	<u>0</u>
Total	29.63

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

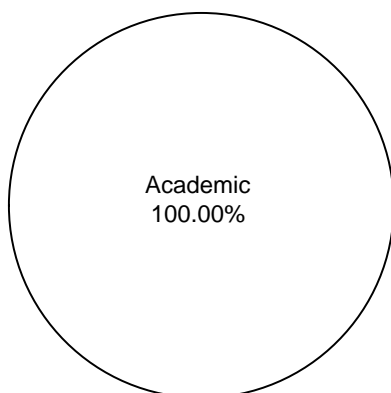


MONTANA

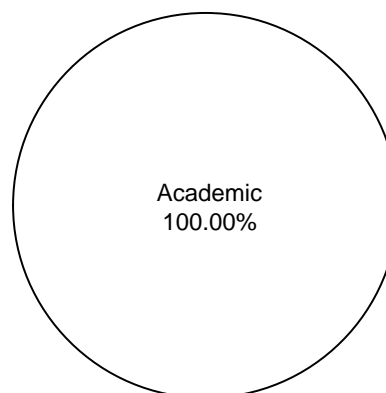
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	173.44	.58
Total	173.44	.58

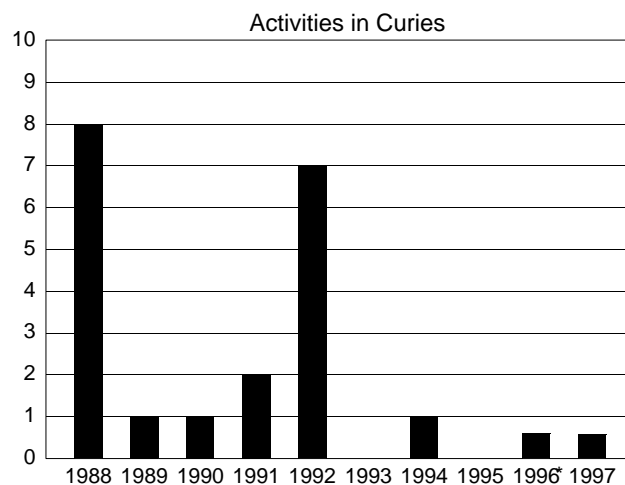
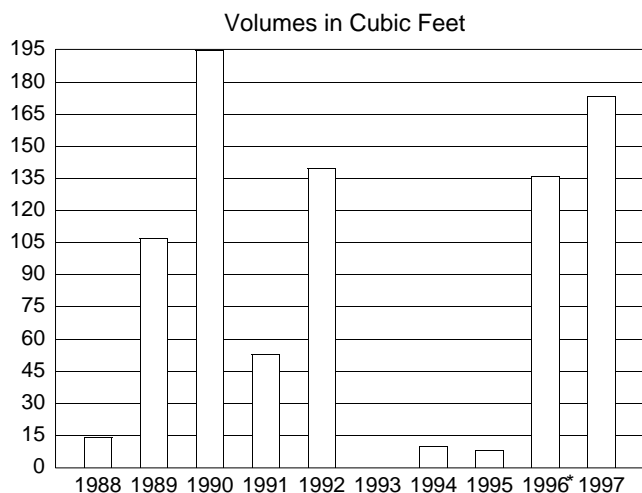
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR



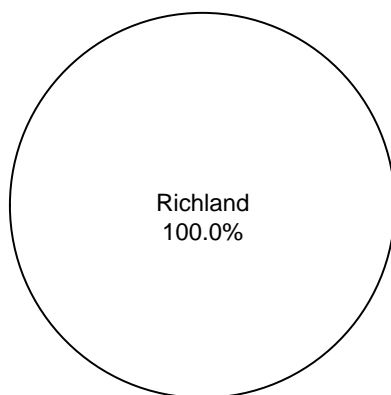
* Note: 1996 values have been adjusted.

MONTANA

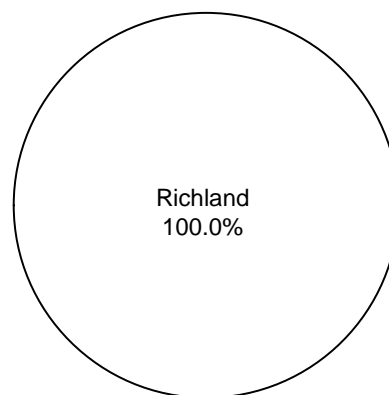
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Richland	<u>173.44</u>	<u>.58</u>
Total	173.44	.58

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



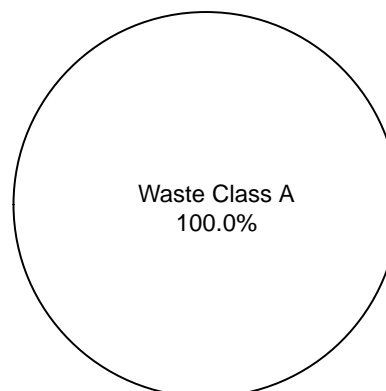
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	173.44
B	0
C	<u>0</u>
Total	173.44

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

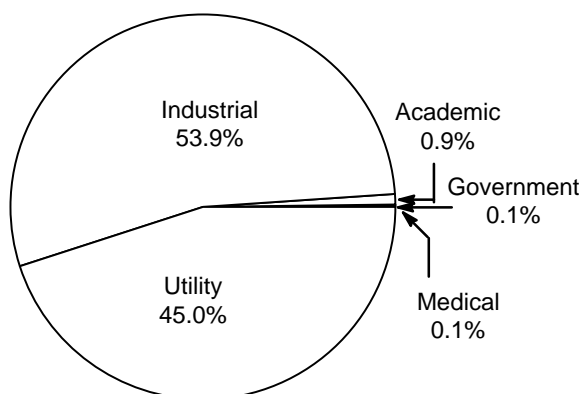


OREGON

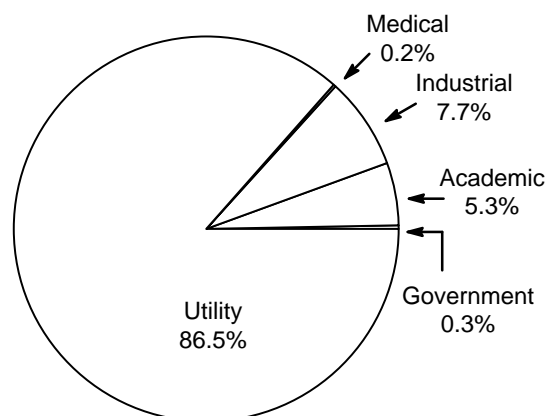
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	522.60	1.49
Government	34.78	.09
Industrial	28,555.56	2.15
Medical	14.52	.05
Utility	23,863.72	24.15
Total	52,991.18	27.93

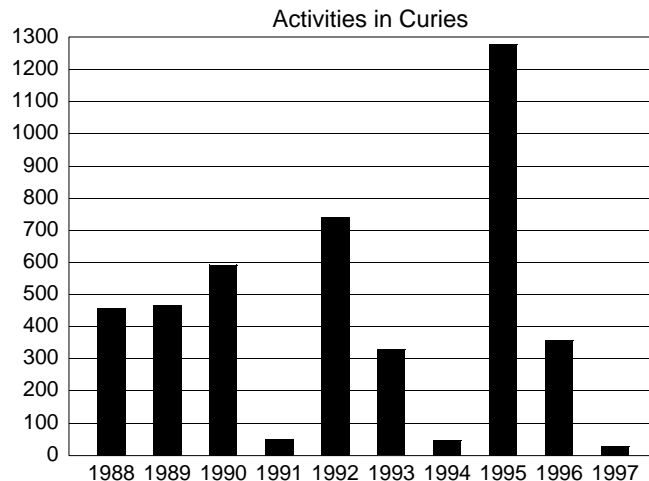
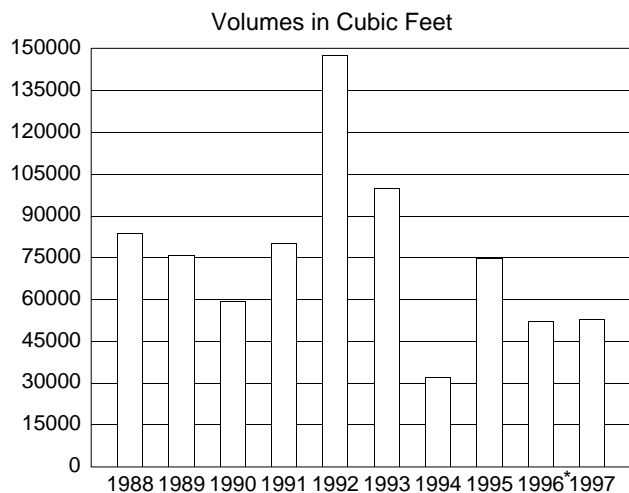
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR



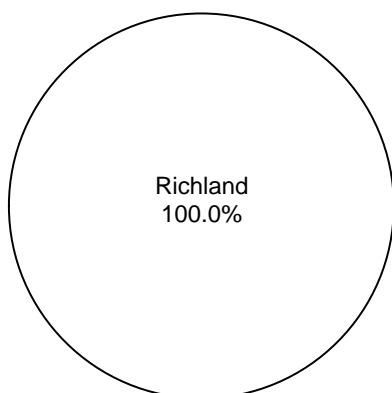
* Note: 1996 values have been adjusted.

OREGON

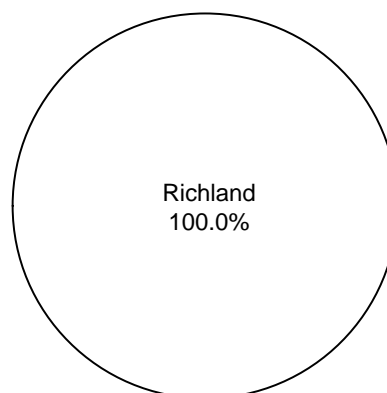
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Richland	<u>52,991.18</u>	<u>27.93</u>
Total	52,991.18	27.93

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



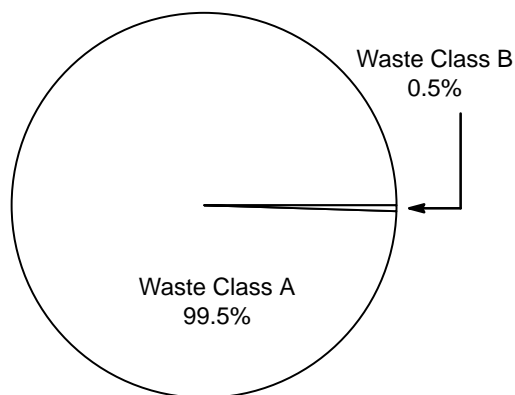
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	52,714.09
B	277.09
C	<u>0</u>
Total	52,991.18

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

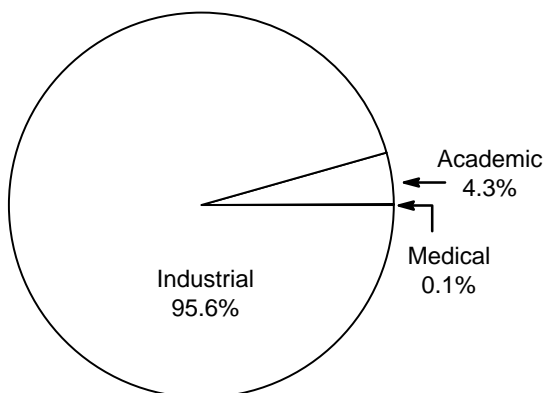


UTAH

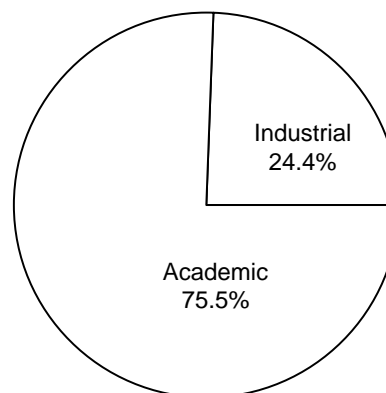
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	188.55	1.32
Government	.50	<.01
Industrial	4,194.15	.43
Medical	2.30	<.01
Total	4,385.50	1.76

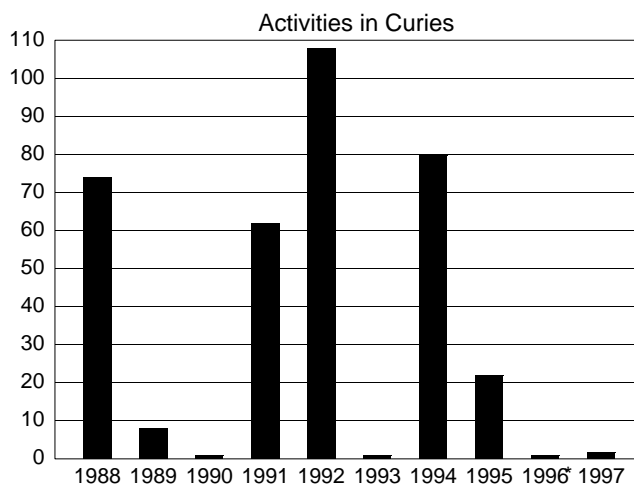
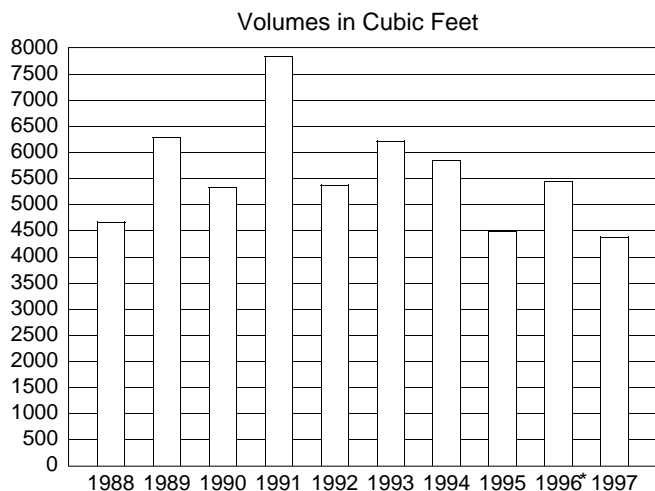
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR



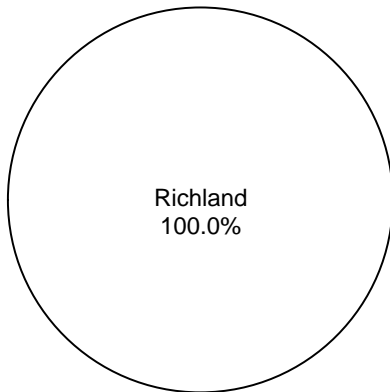
* Note: 1996 values have been adjusted.

UTAH

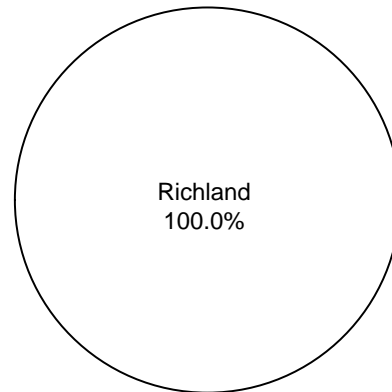
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Disposal Site	Volume (ft ³)	Activity (curies)
Richland	4,385.50	1.76
Total	4,385.50	1.76

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



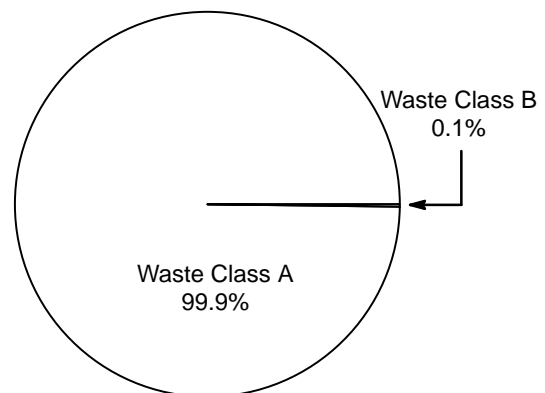
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

Waste Class	Volume (ft ³)
A	4,383.50
B	2.00
C	0
Total	4,385.50

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

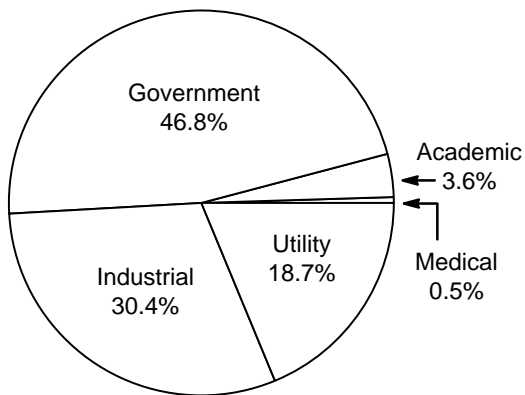


WASHINGTON

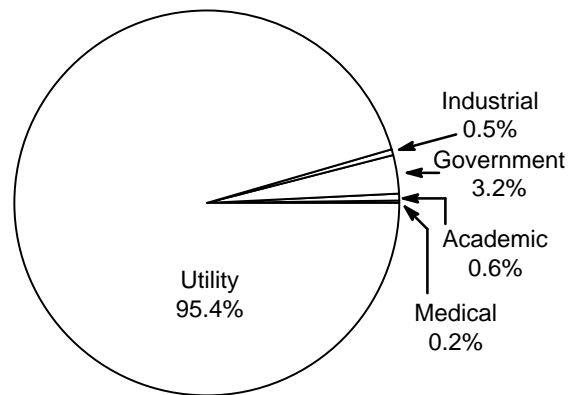
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	986.10	3.20
Government	12,862.83	16.32
Industrial	8,345.50	2.45
Medical	139.34	1.16
Utility	5,132.90	481.48
Total	27,466.67	504.62

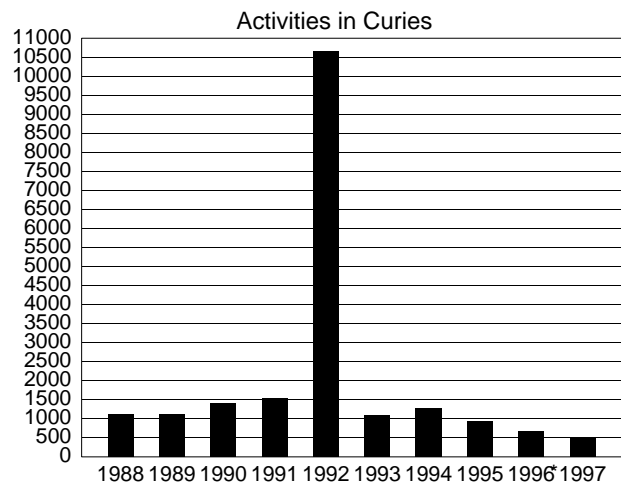
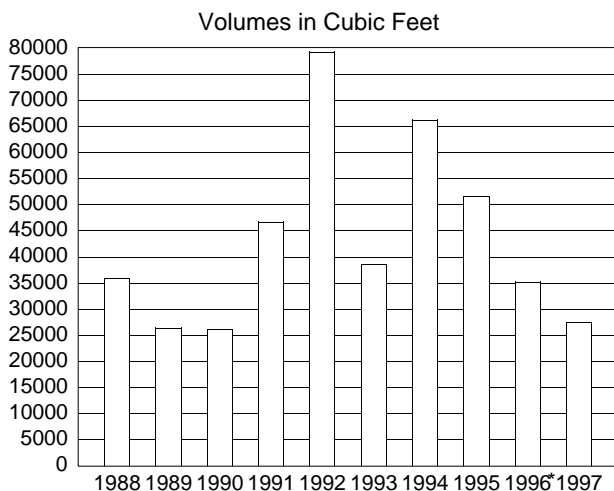
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR



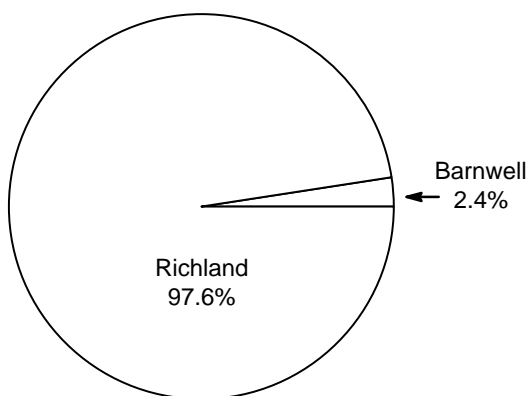
* Note: 1996 values have been adjusted.

WASHINGTON

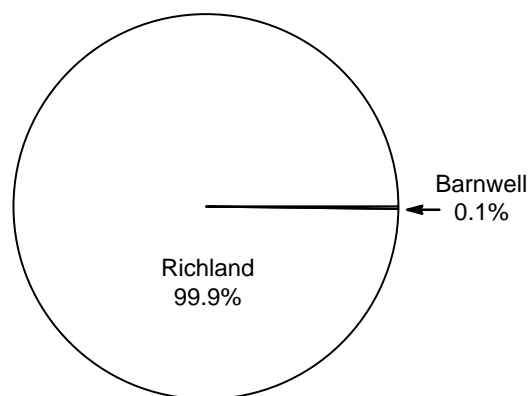
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	647.10	.11
Richland	26,819.57	504.51
Total	27,466.67	504.62

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



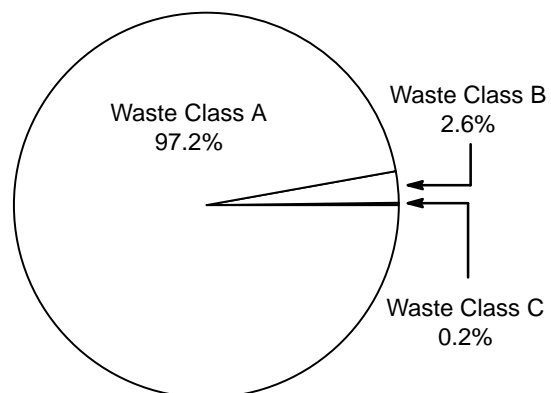
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

Waste Class	Volume (ft ³)
A	26,693.19
B	723.58
C	49.90
Total	27,466.67

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

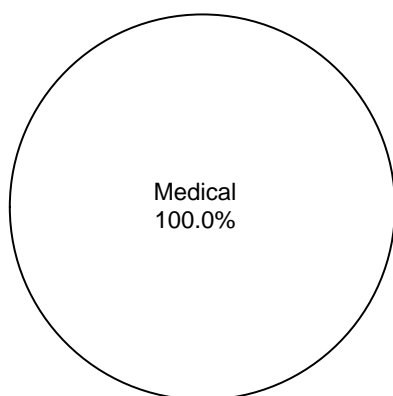


WYOMING

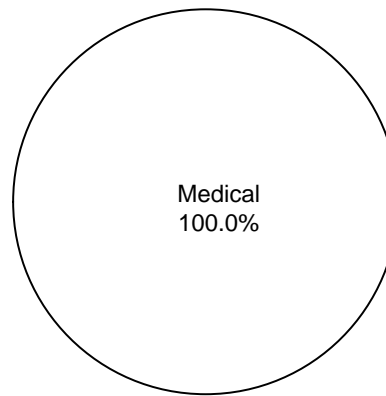
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Government	7.88	.54
Total	7.88	.54

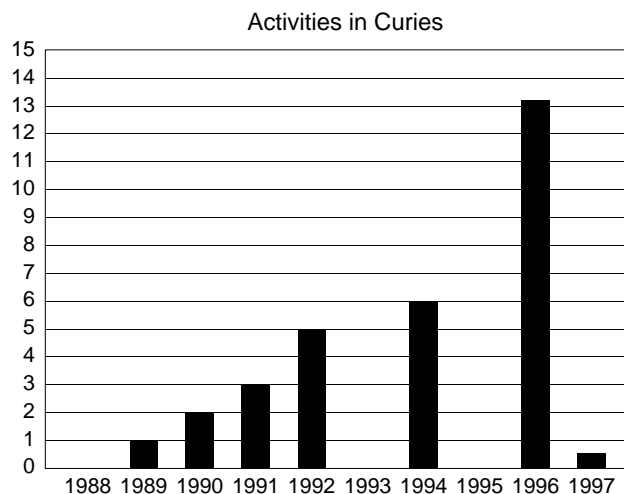
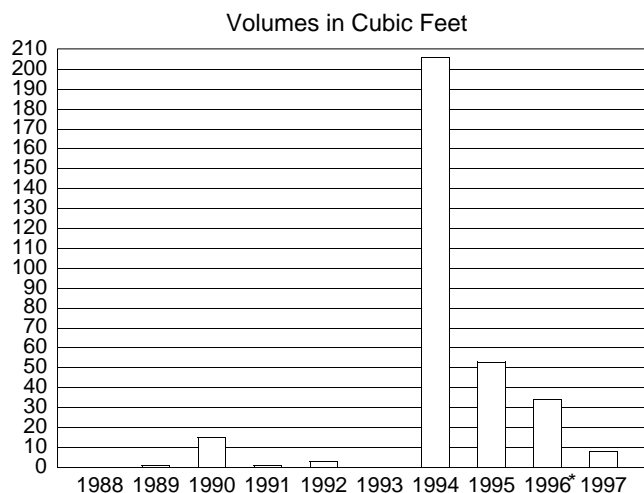
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR



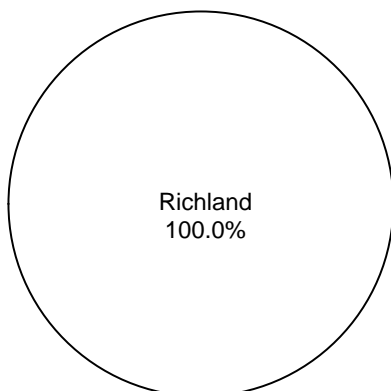
* Note: 1996 values have been adjusted.

WYOMING

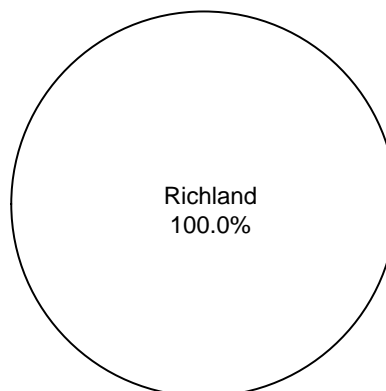
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Disposal Site	Volume (ft ³)	Activity (curies)
Richland	7.88	.54
Total	7.88	.54

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



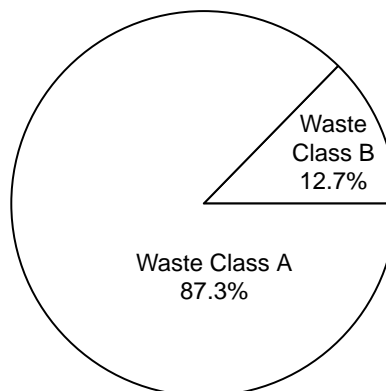
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

Waste Class	Volume (ft ³)
A	6.88
B	1.00
C	0
Total	7.88

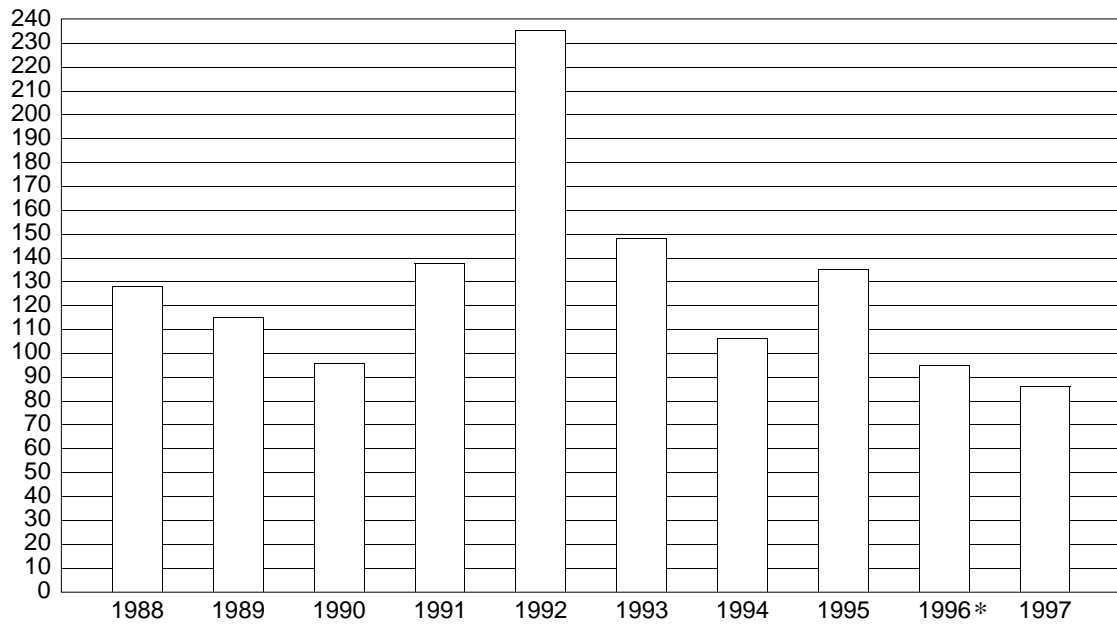
VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)



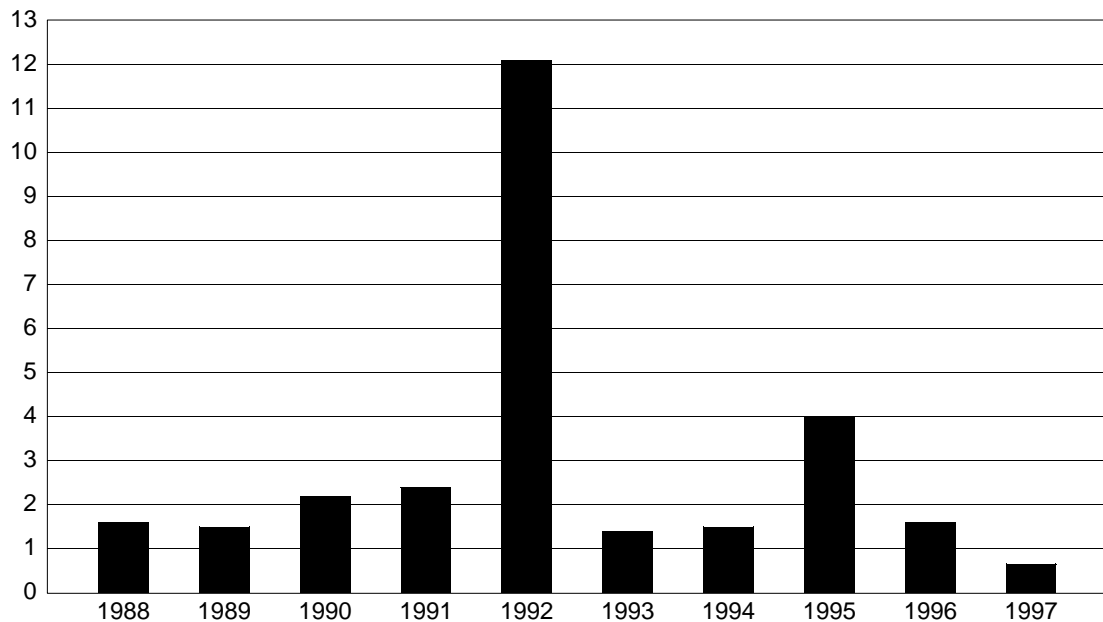
NORTHWEST COMPACT Comparison By Year

NOTE: The years 1988 through 1997 include all states currently being reported in the Northwest compact region.

Volumes in Cubic Feet x 1000



Activities in Curies x 1000

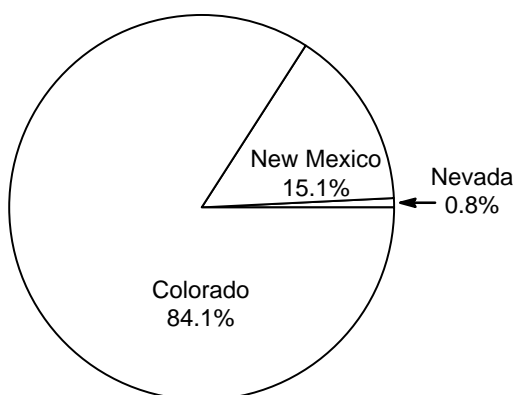


* Note: 1996 values have been adjusted.

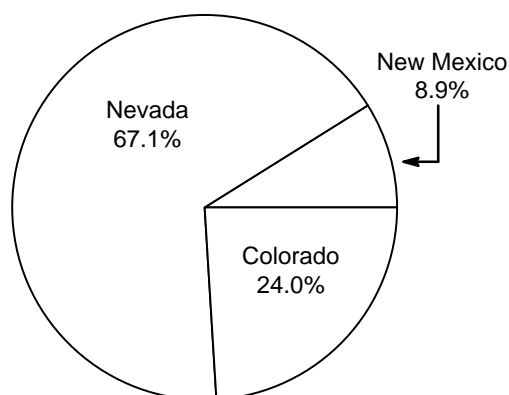
ROCKY MOUNTAIN COMPACT **Low-Level Radioactive Wastes Received** **at Commercial Disposal Sites in 1997**

States	Volume (ft ³)	Activity (curies)
Colorado	4,748.21	7.36
Nevada	41.57	20.52
New Mexico	853.66	2.73
Total	5,643.44	30.61

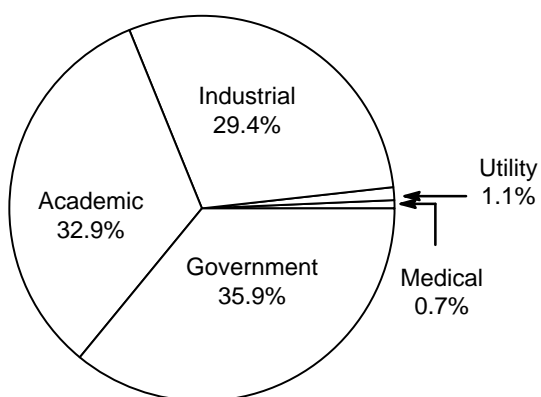
VOLUME PERCENTAGE BY STATE
(Percentages <.1% are not displayed)



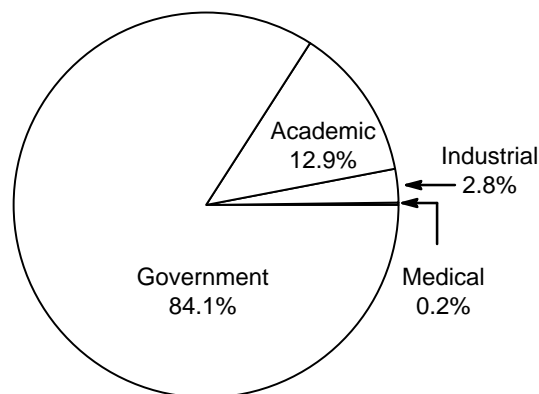
ACTIVITY PERCENTAGE BY STATE
(Percentages <.1% are not displayed)



VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

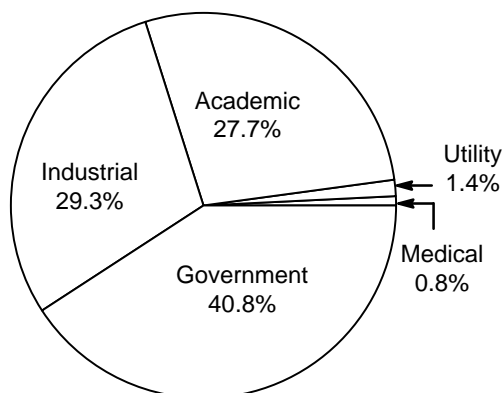


COLORADO

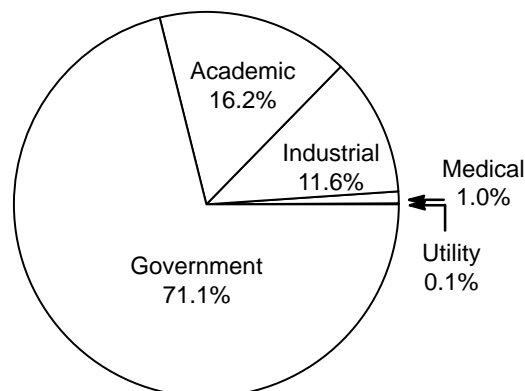
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	1,316.73	1.19
Government	1,938.79	5.22
Industrial	1,392.65	.87
Medical	38.94	.07
Utility	61.10	<.01
Total	4,748.21	7.36

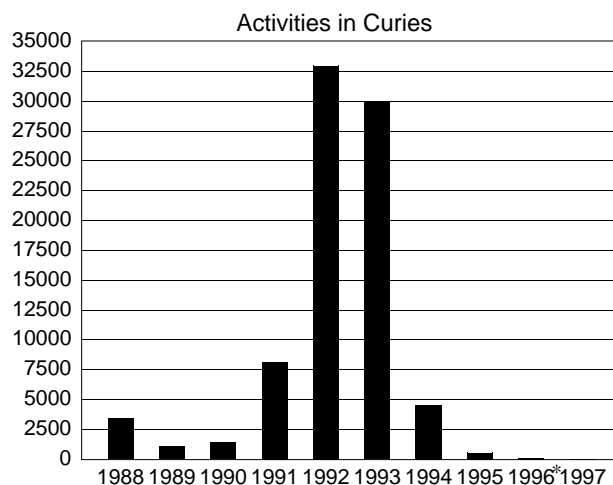
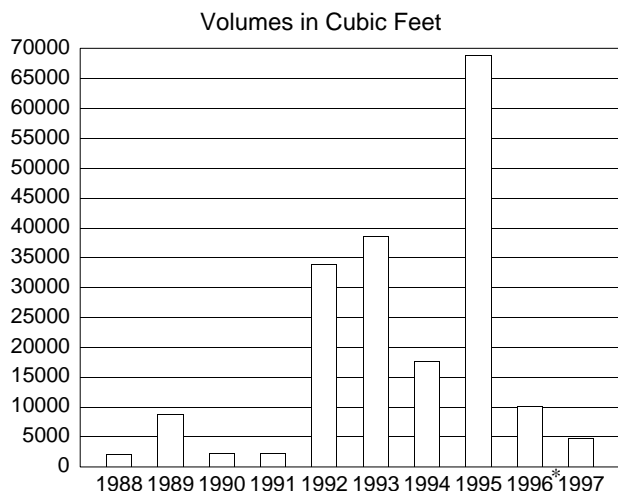
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

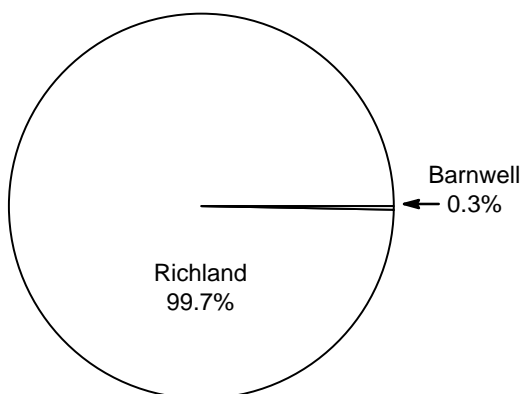


* Note: 1996 values have been adjusted.

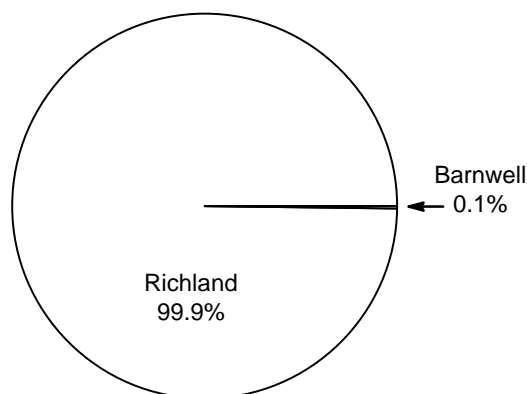
COLORADO **Low-Level Radioactive Wastes Received** **at Commercial Disposal Sites in 1997**

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	12.84	.03
Richland	4,735.37	7.33
Total	4,748.21	7.36

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



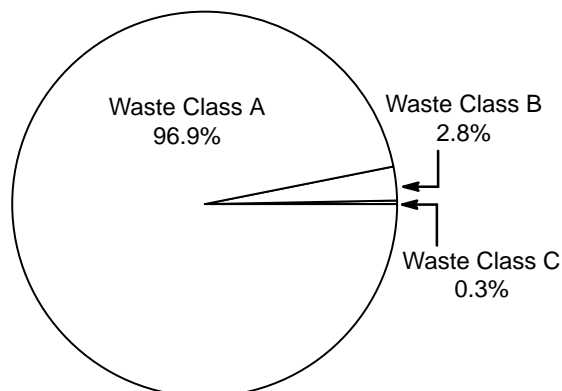
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

Waste Class	Volume (ft ³)
A	4,599.65
B	133.56
C	15.00
Total	4,747.21

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

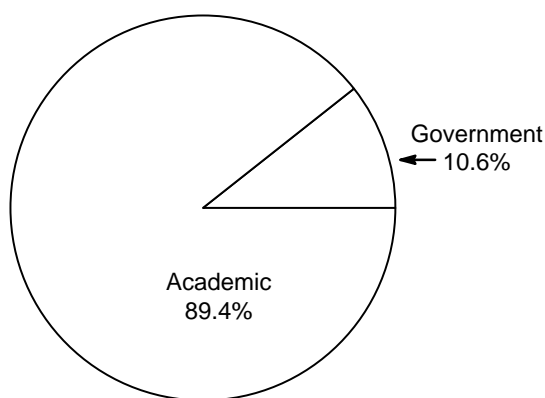


NEVADA

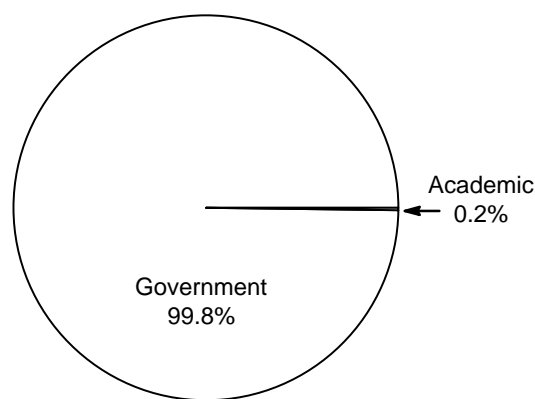
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	37.18	.05
Government	4.39	20.47
Total	41.57	20.52

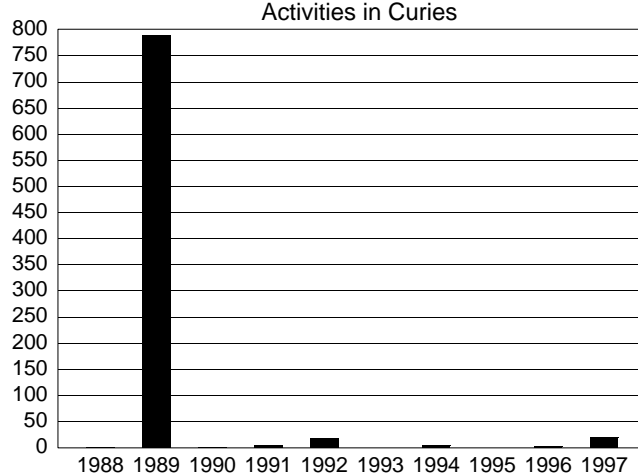
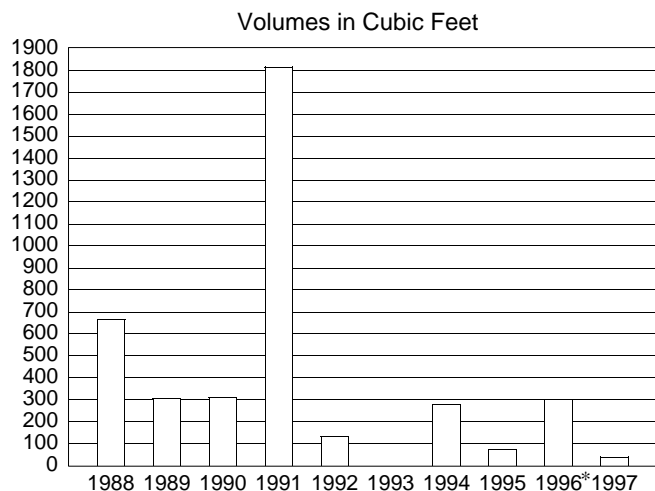
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR



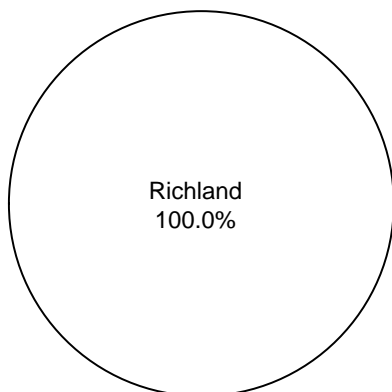
* Note: 1996 values have been adjusted.

NEVADA

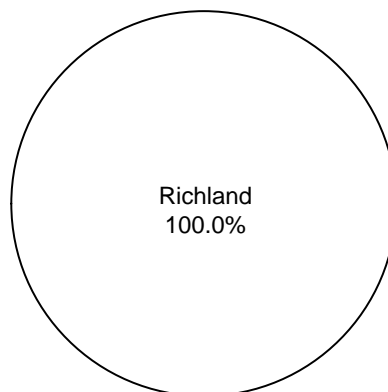
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Richland	<u>41.57</u>	<u>20.52</u>
Total	41.57	20.52

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



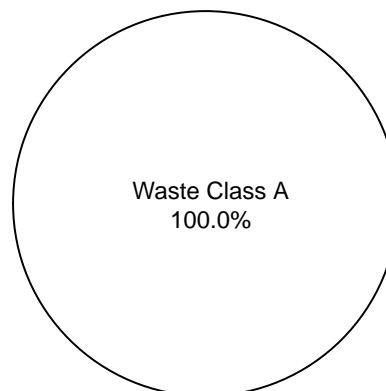
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	41.57
B	0
C	<u>0</u>
Total	41.57

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

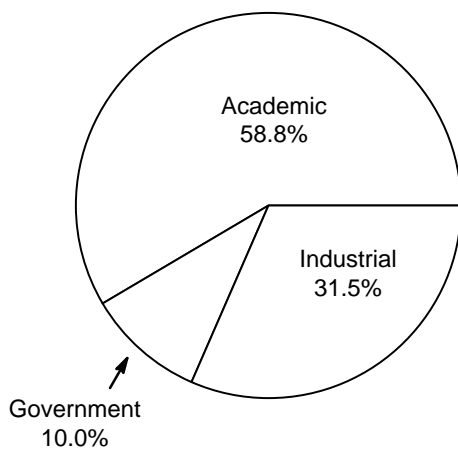


NEW MEXICO

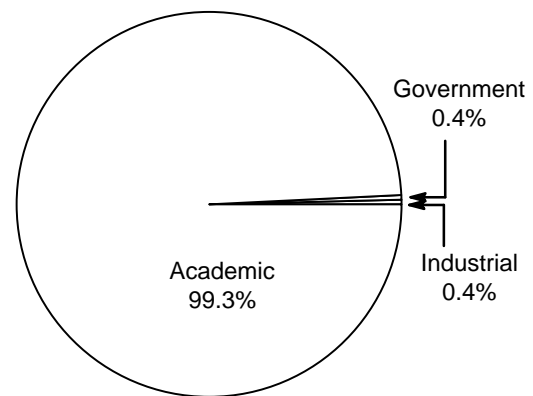
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	499.64	2.71
Government	85.37	<.01
Industrial	268.65	<.01
Total	853.66	2.73

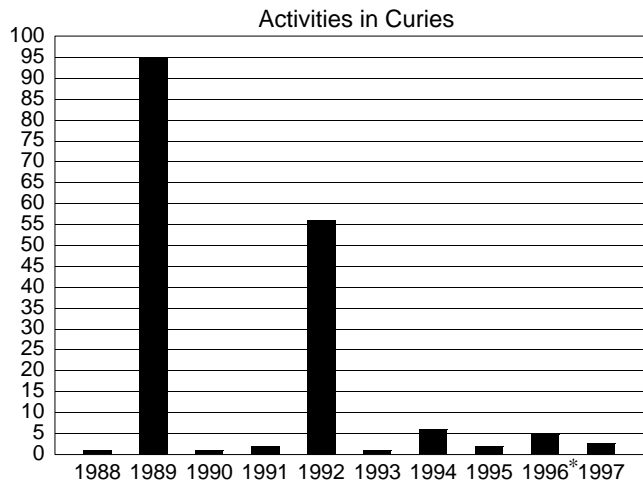
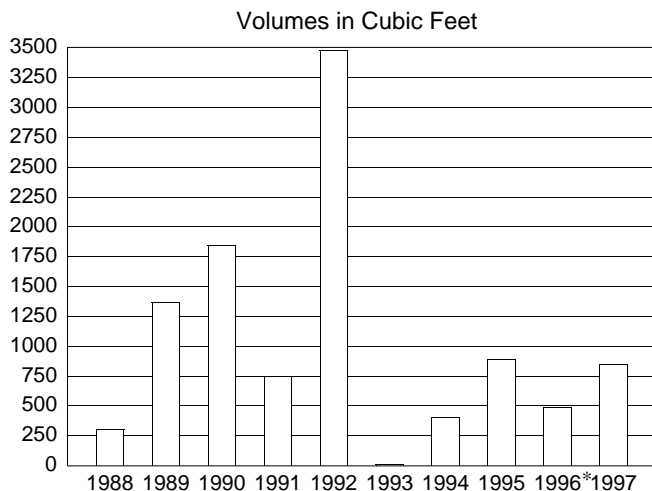
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR



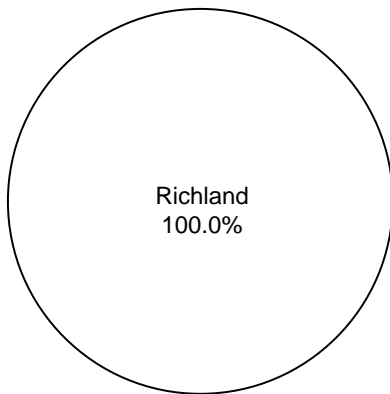
* Note: 1996 values have been adjusted.

NEW MEXICO

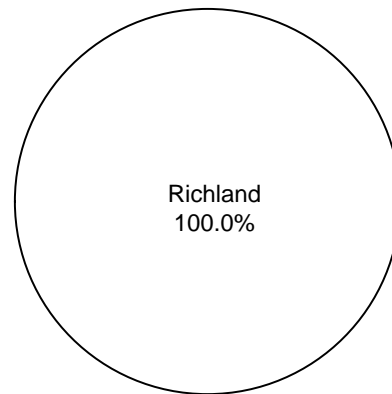
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Disposal Site	Volume (ft ³)	Activity (curies)
Richland	853.66	2.73
Total	853.66	2.73

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



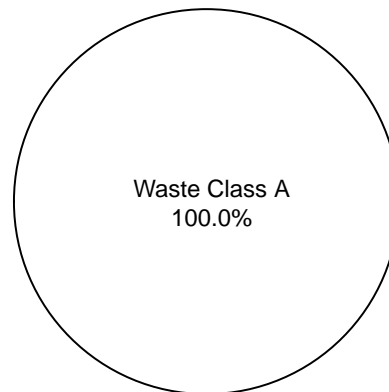
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

Waste Class	Volume (ft ³)
A	853.66
B	0
C	0
Total	853.66

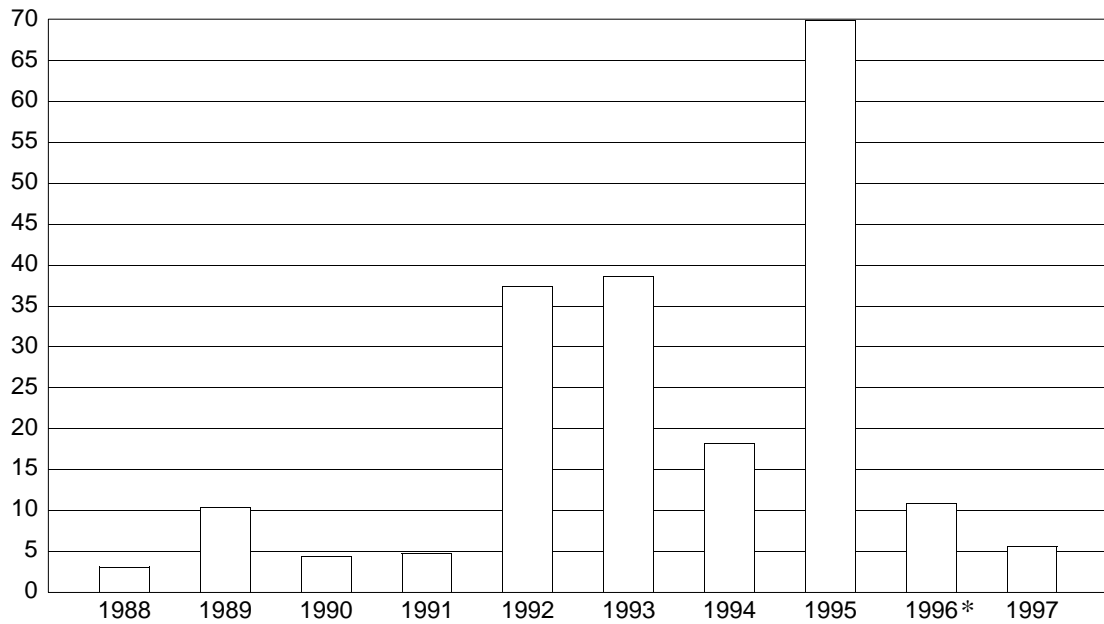
VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)



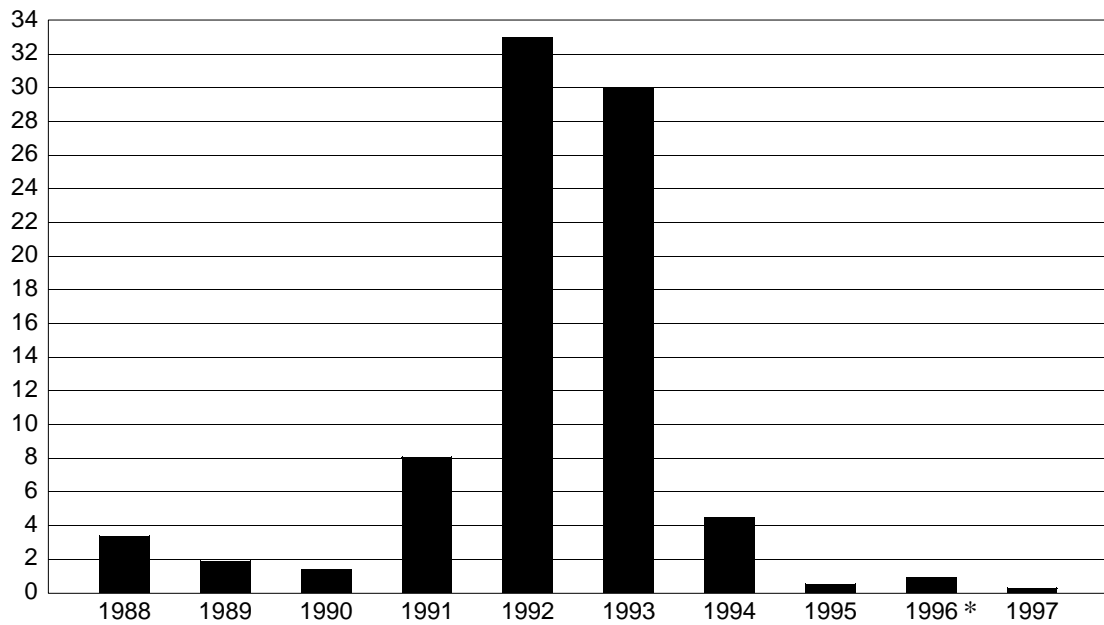
ROCKY MOUNTAIN COMPACT Comparison By Year

NOTE: The years 1988 through 1997 include all states currently being reported in the Rocky Mountain compact region.

Volumes in Cubic Feet x 1000



Activities in Curies x 1000



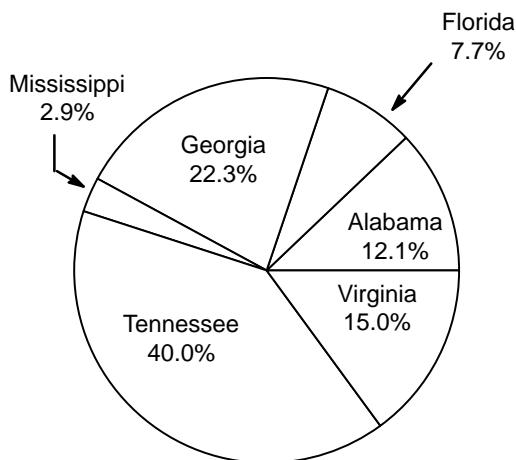
* Note: 1996 values have been adjusted.

SOUTHEAST COMPACT

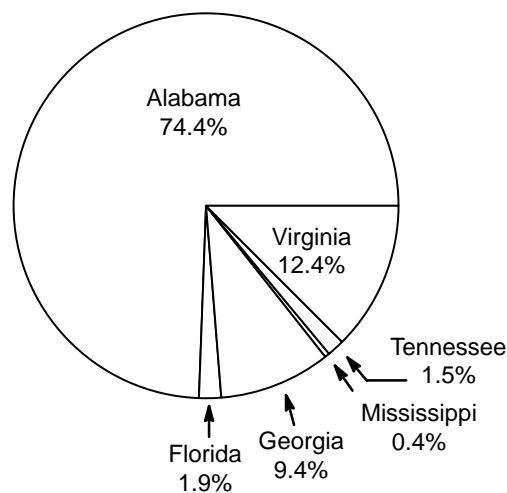
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

States	Volume (ft ³)	Activity (curies)
Alabama	7,114.70	25,408.21
Florida	4,509.45	631.68
Georgia	13,134.85	3,209.35
Mississippi	1,688.11	135.59
North Carolina	0	0
Tennessee	23,588.77	514.97
Virginia	8,904.73	4,213.72
Total	58,940.61	34,113.52

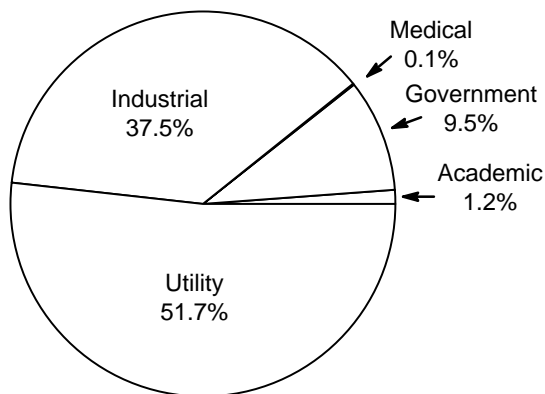
VOLUME PERCENTAGE BY STATE
(Percentages <.1% are not displayed)



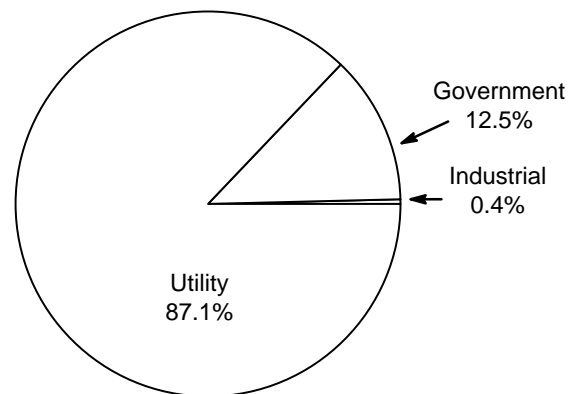
ACTIVITY PERCENTAGE BY STATE
(Percentages <.1% are not displayed)



VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

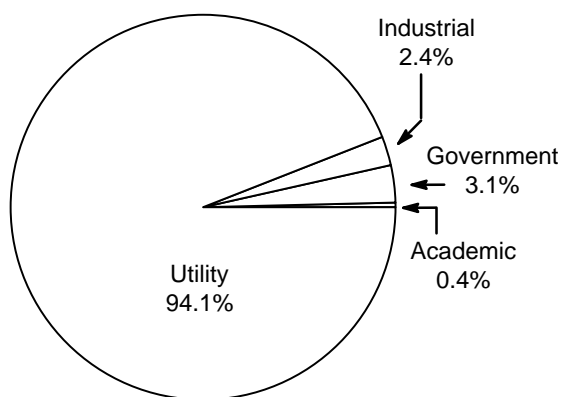


ALABAMA

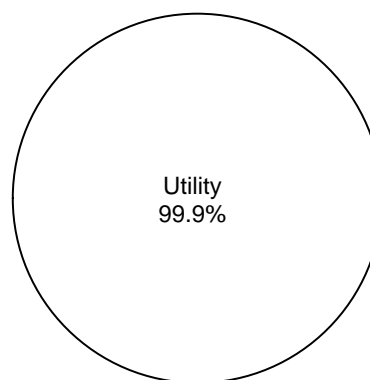
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	24.90	.03
Government	220.95	1.32
Industrial	171.76	1.21
Medical	.20	<.01
Utility	6,696.89	25,405.65
Total	7,114.70	25,408.21

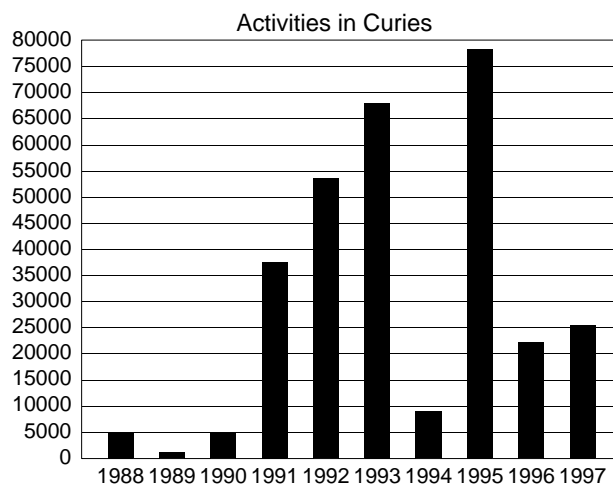
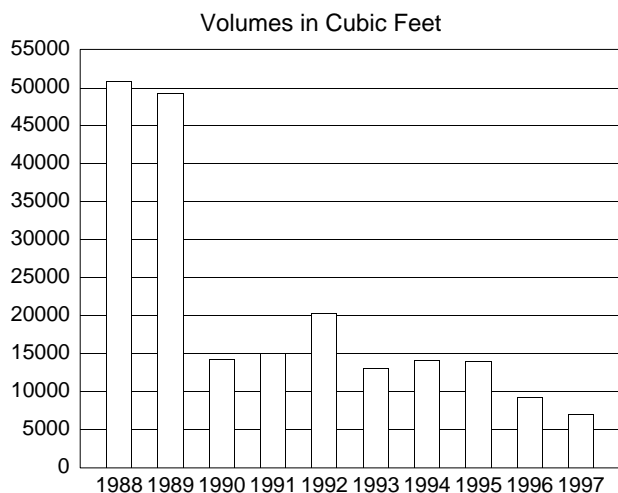
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

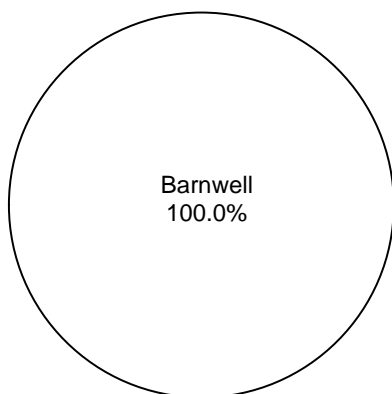


ALABAMA

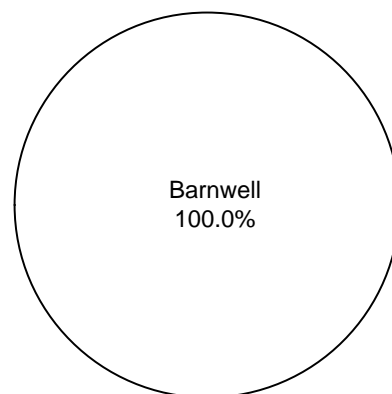
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>7,114.70</u>	<u>25,408.21</u>
Total	7,114.70	25,408.21

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



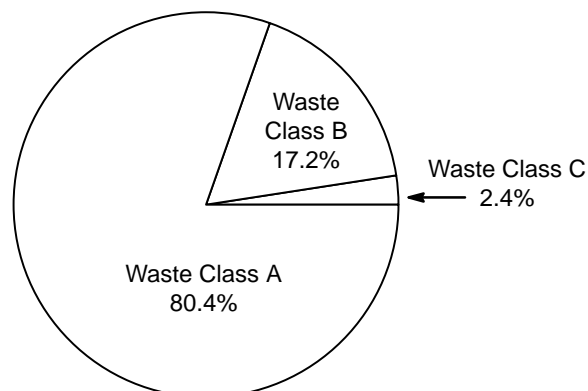
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	5,719.50
B	1,223.70
C	<u>171.50</u>
Total	7,114.70

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

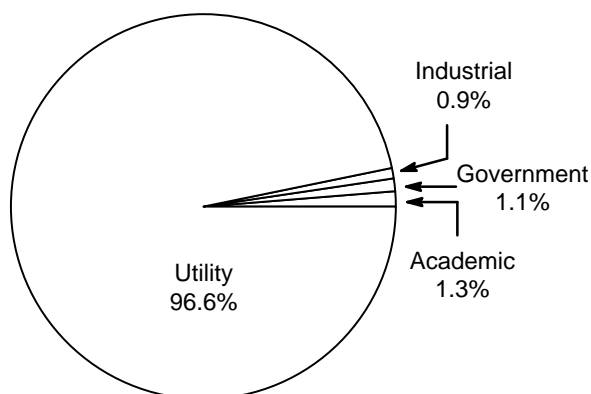


FLORIDA

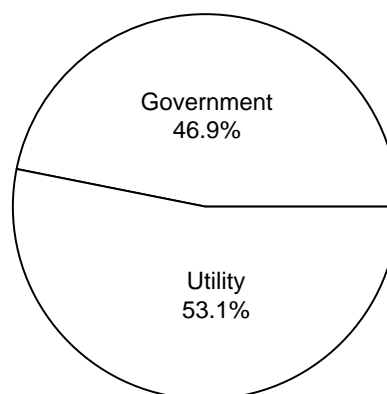
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	60.58	.29
Government	47.38	296.19
Industrial	42.64	<.01
Medical	1.00	<.01
Utility	4,357.85	335.18
Total	4,509.45	631.68

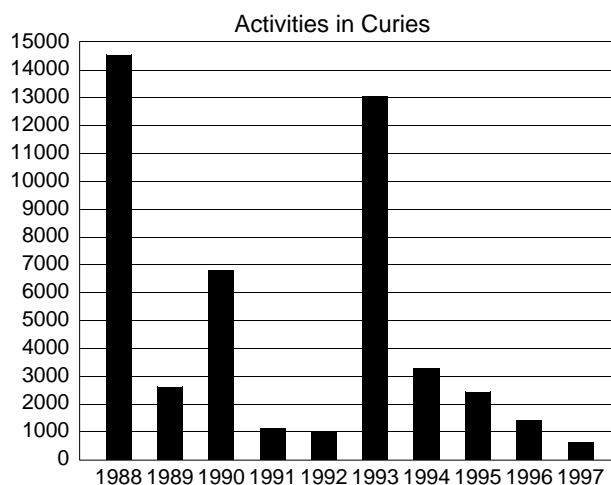
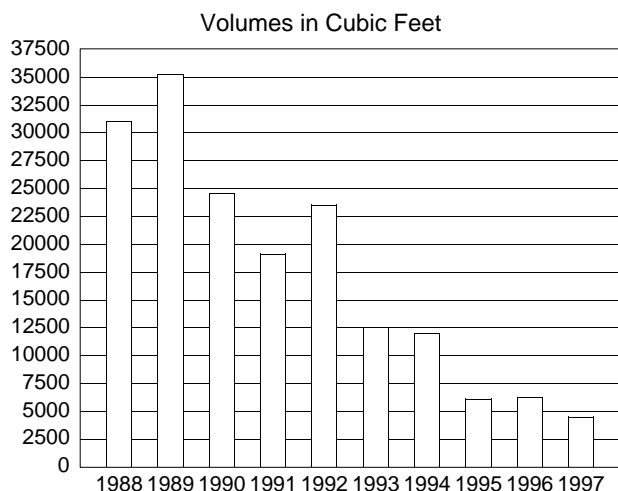
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

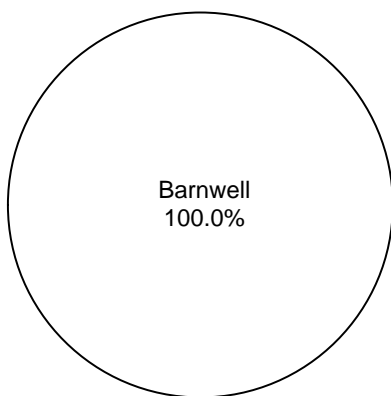


FLORIDA

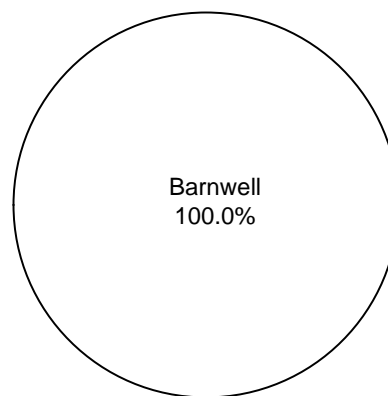
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>4,509.45</u>	<u>631.68</u>
Total	4,509.45	631.68

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



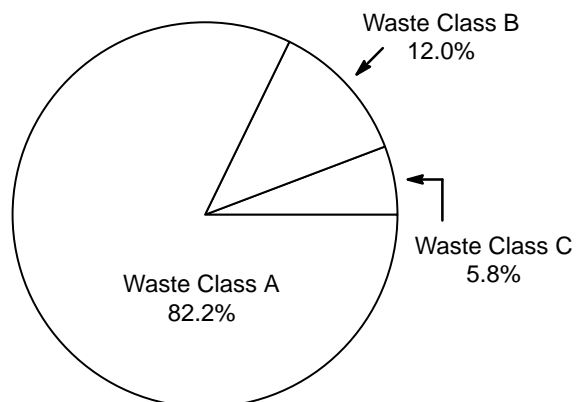
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	3,706.03
B	539.78
C	<u>263.64</u>
Total	4,509.45

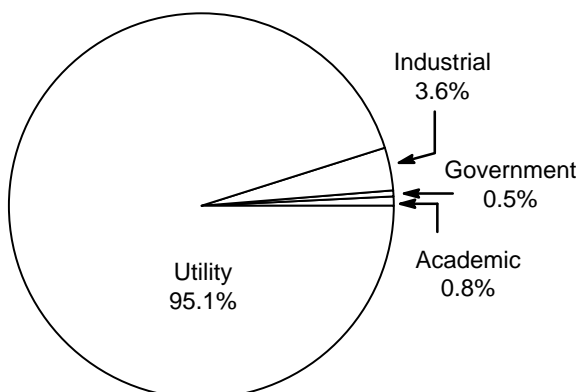
VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)



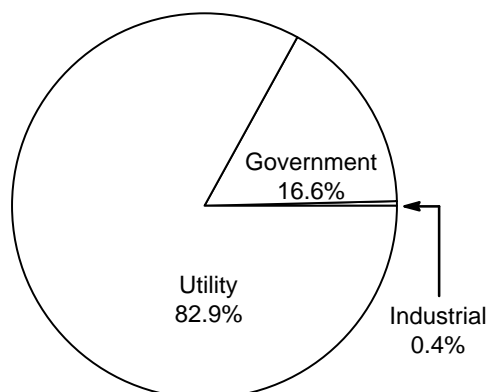
GEORGIA **Low-Level Radioactive Wastes Received** **at Commercial Disposal Sites in 1997**

Generator Category	Volume (ft ³)	Activity (curies)
Academic	107.00	.42
Government	64.20	534.18
Industrial	472.01	14.02
Medical	3.60	<.01
Utility	12,488.04	2,660.71
Total	13,134.85	3,209.35

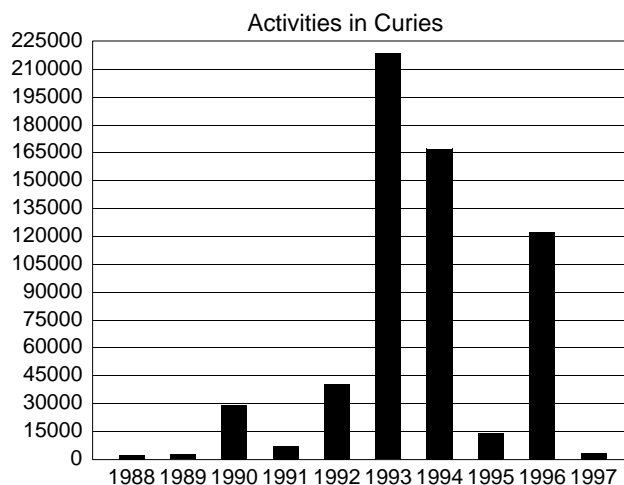
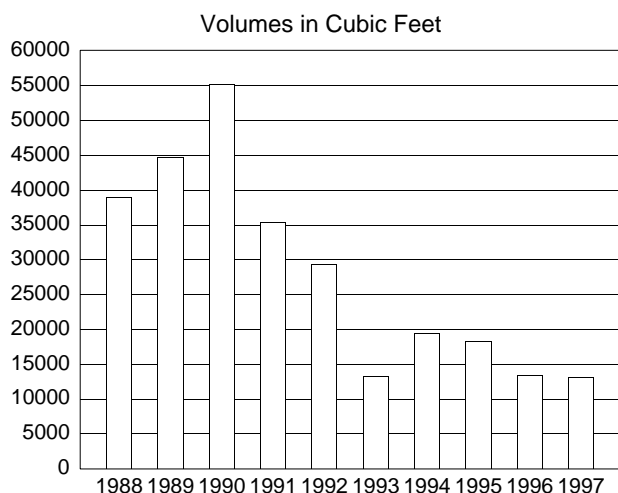
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



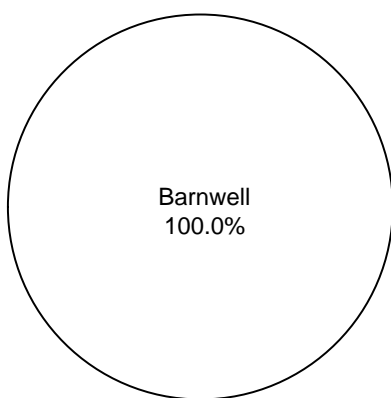
COMPARISON BY YEAR



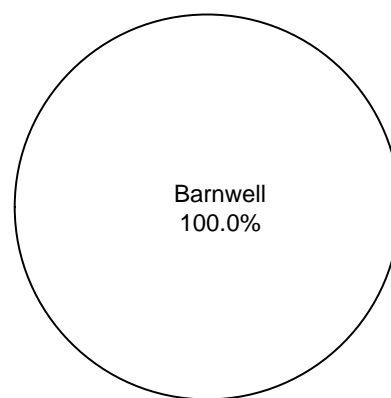
GEORGIA **Low-Level Radioactive Wastes Received** **at Commercial Disposal Sites in 1997**

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>13,134.85</u>	<u>3,209.35</u>
Total	13,134.85	3,209.35

VOLUME PERCENTAGE BY DISPOSAL SITE
 (percentages <.1% are not displayed)



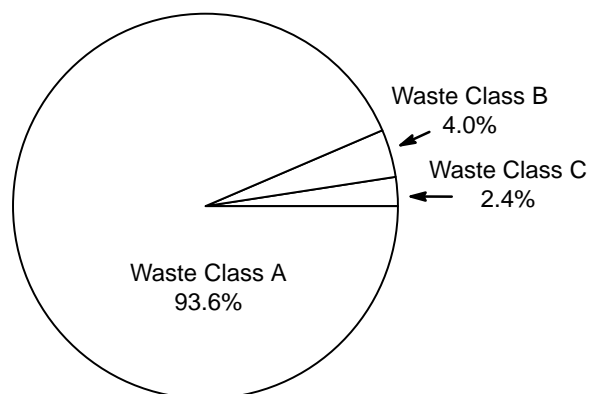
ACTIVITY PERCENTAGE BY DISPOSAL SITE
 (Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	12,298.14
B	519.08
C	<u>317.63</u>
Total	13,134.85

VOLUME PERCENTAGE BY WASTE CLASS
 (Percentages <.1% are not displayed)

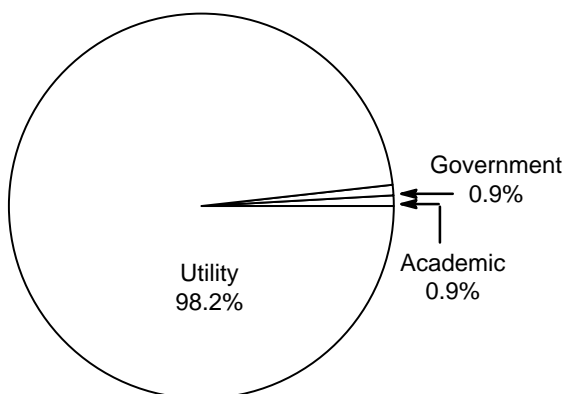


MISSISSIPPI

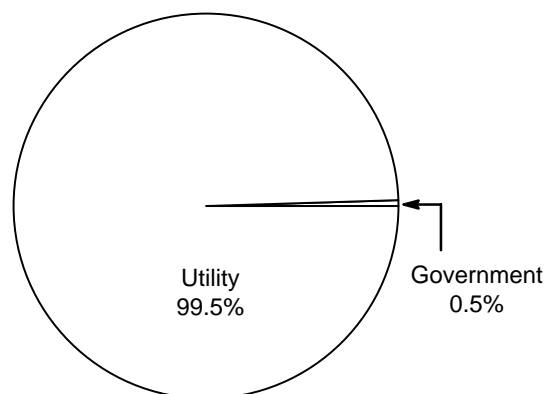
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

States	Volume (ft ³)	Activity (curies)
Academic	14.60	<.01
Government	14.90	.62
Utility	1,658.61	134.97
Total	1,688.11	135.59

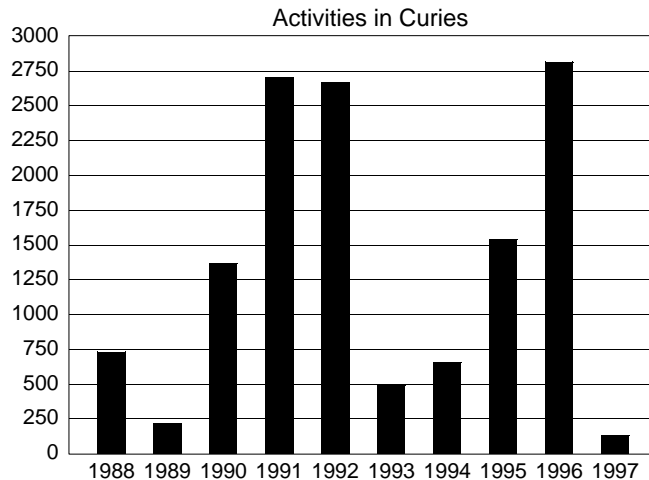
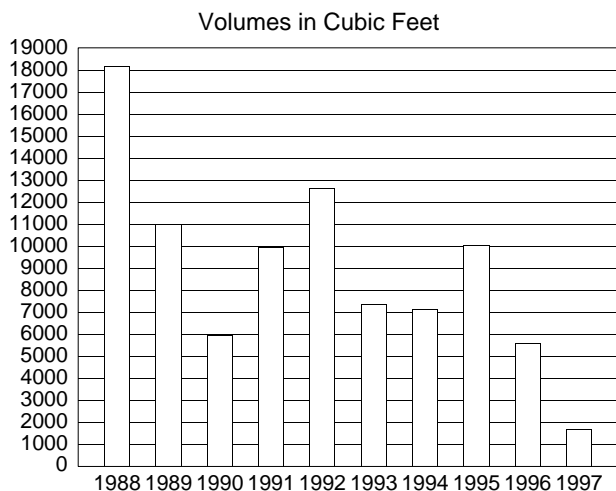
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

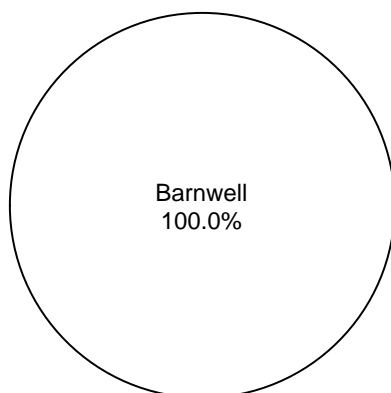


MISSISSIPPI

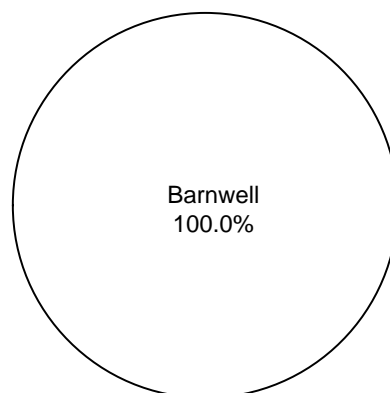
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>1,688.11</u>	<u>135.59</u>
Total	1,688.11	135.59

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



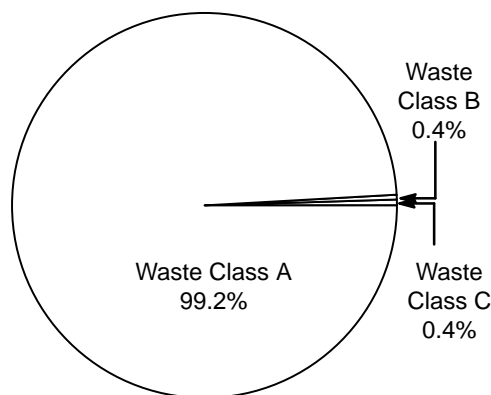
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	1,674.76
B	5.85
C	<u>7.50</u>
Total	1,688.11

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)



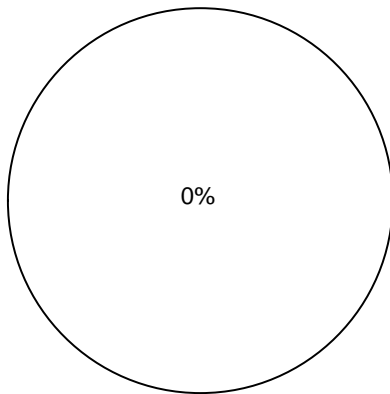
NORTH CAROLINA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

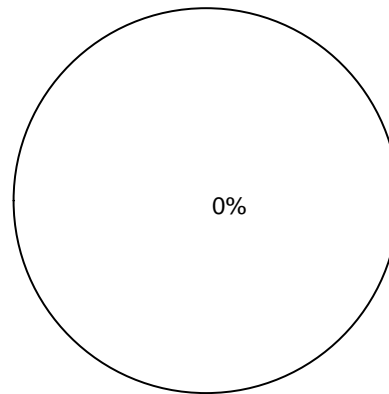
Generator Category	Volume (ft ³)	Activity (curies)
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No LLW Disposed in 1997

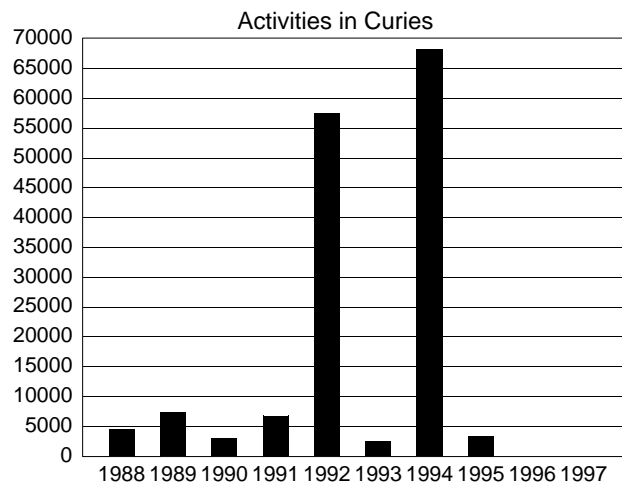
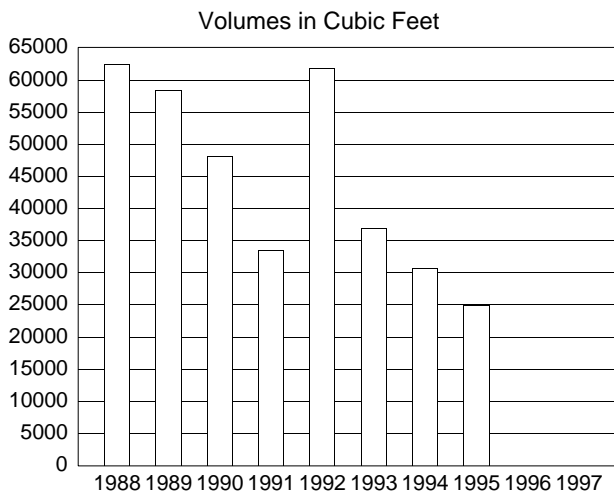
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR



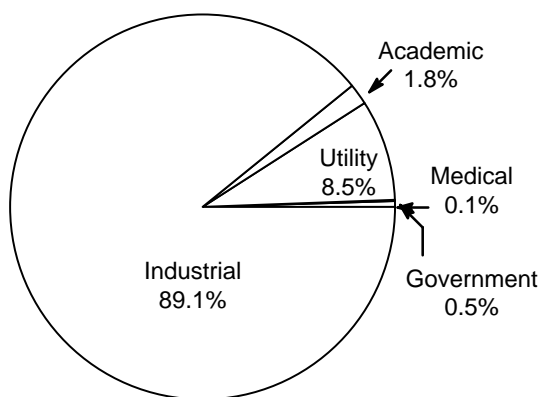
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TENNESSEE

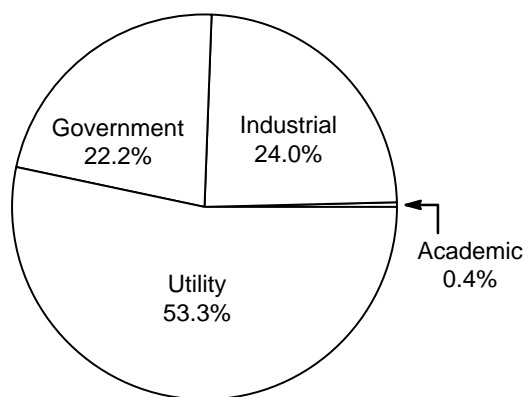
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	420.10	2.18
Government	127.50	114.41
Industrial	21,014.64	123.77
Medical	33.10	.11
Utility	1,993.43	274.50
Total	23,588.77	514.97

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

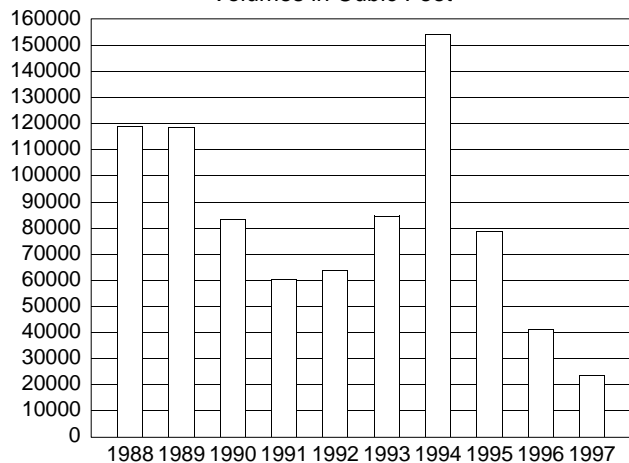


ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

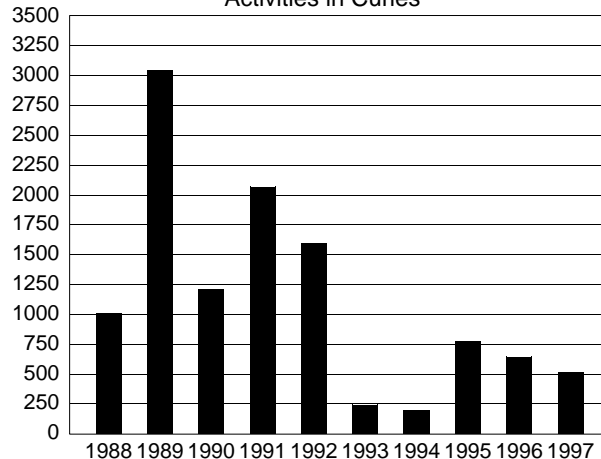


COMPARISON BY YEAR

Volumes in Cubic Feet



Activities in Curies

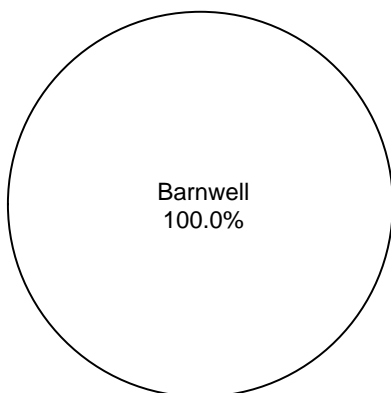


TENNESSEE

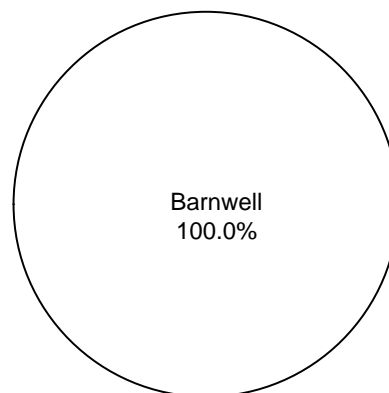
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>23,588.77</u>	<u>514.97</u>
Total	23,588.77	514.97

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



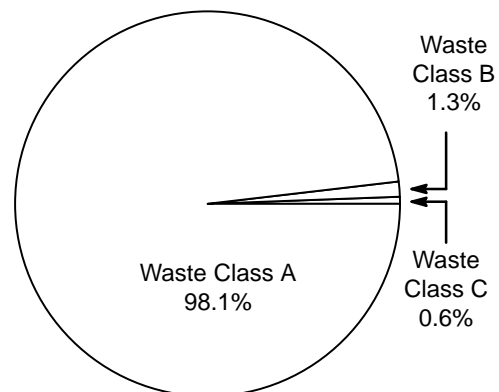
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	23,142.03
B	298.30
C	<u>148.44</u>
Total	23,588.77

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

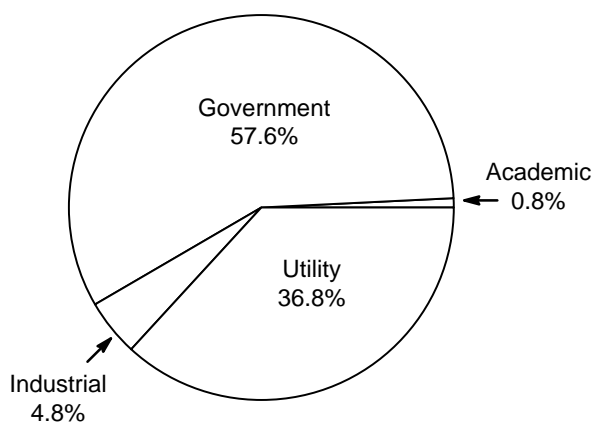


VIRGINIA

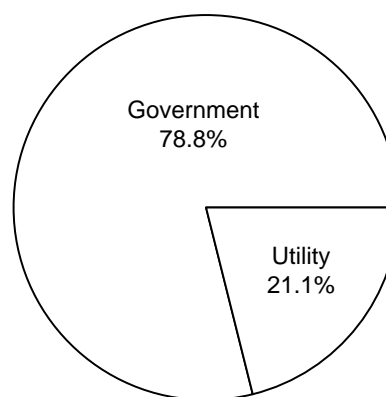
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	71.98	1.93
Government	5,128.06	3,321.23
Industrial	424.30	1.49
Utility	3,280.39	889.07
Total	8,904.73	4,213.72

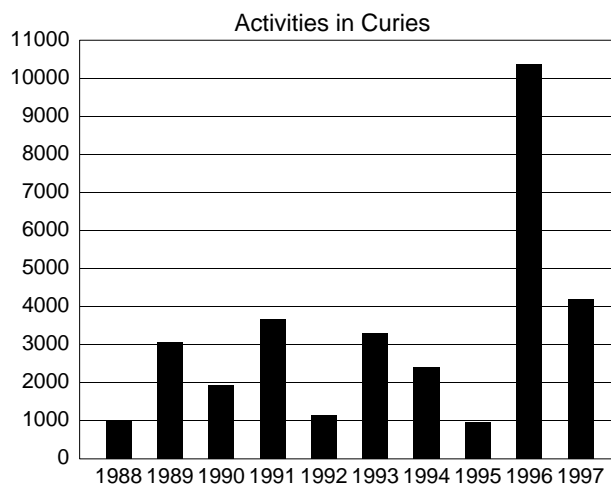
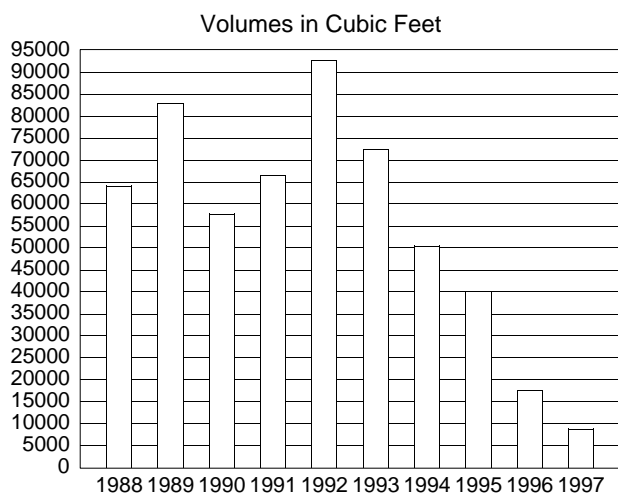
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

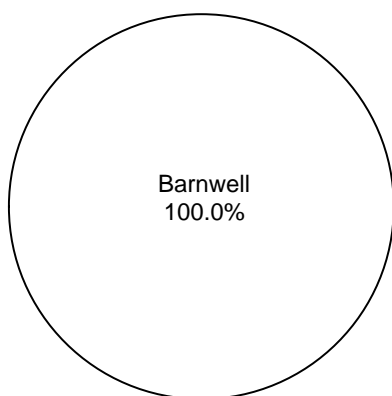


VIRGINIA

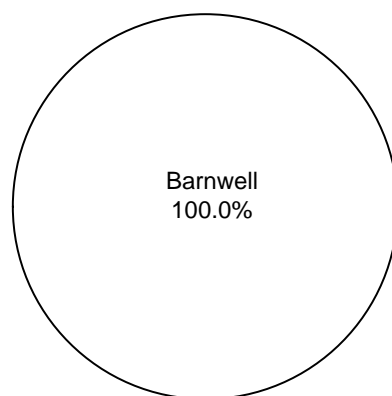
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>8,904.73</u>	<u>4,213.72</u>
Total	8,904.73	4,213.72

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



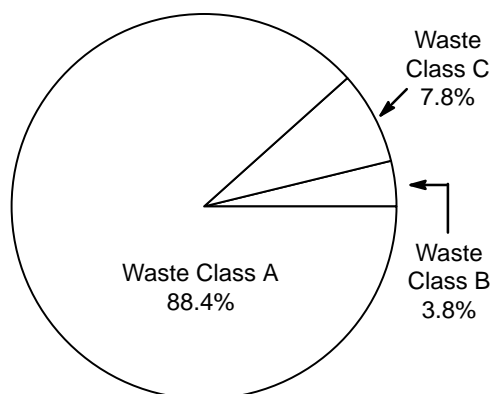
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	7,869.49
B	344.66
C	<u>690.58</u>
Total	8,904.73

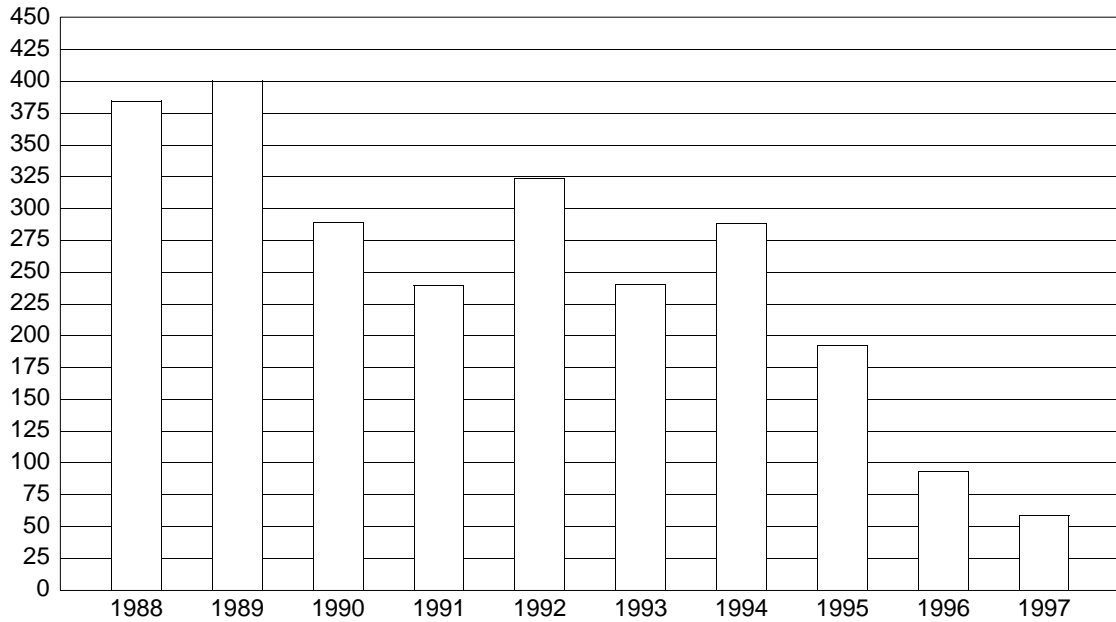
VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)



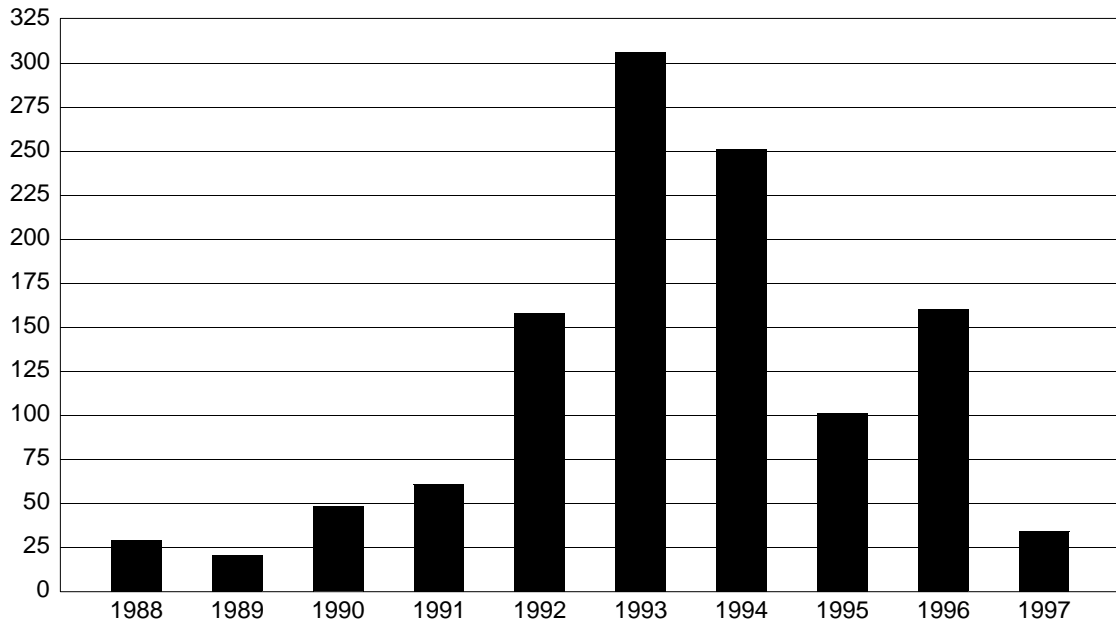
SOUTHEAST COMPACT Comparison By Year

NOTE: The years 1988 through 1997 include all states currently being reported in the Southeast compact region.

Volumes in Cubic Feet x 1000



Activities in Curies x 1000

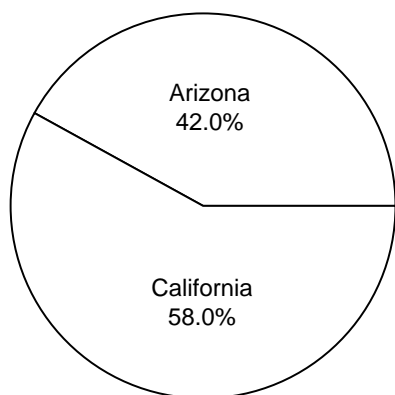


SOUTHWESTERN COMPACT

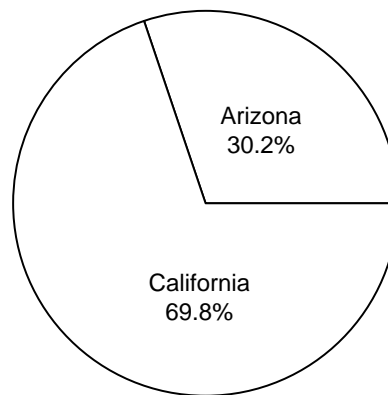
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

States	Volume (ft ³)	Activity (curies)
Arizona	5,657.55	583.62
California	7,797.60	1,350.94
North Dakota	1.00	<.01
South Dakota	0	0
Total	13,456.15	1,934.56

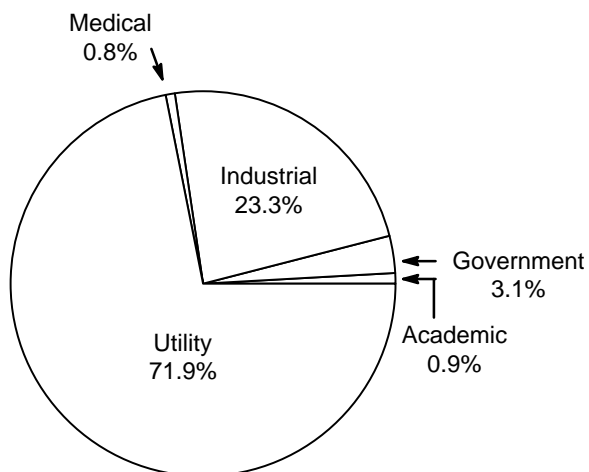
VOLUME PERCENTAGE BY STATE
(Percentages <.1% are not displayed)



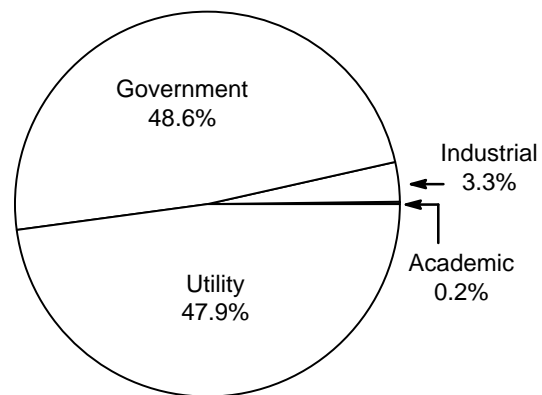
ACTIVITY PERCENTAGE BY STATE
(Percentages <.1% are not displayed)



VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



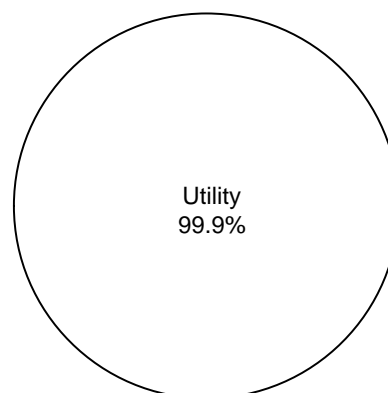
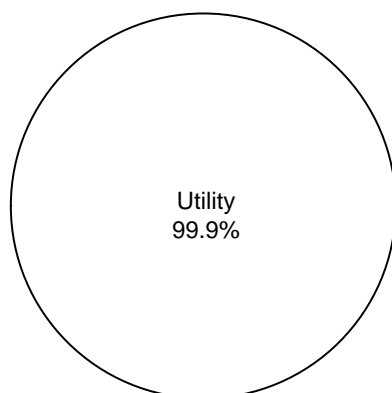
ARIZONA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

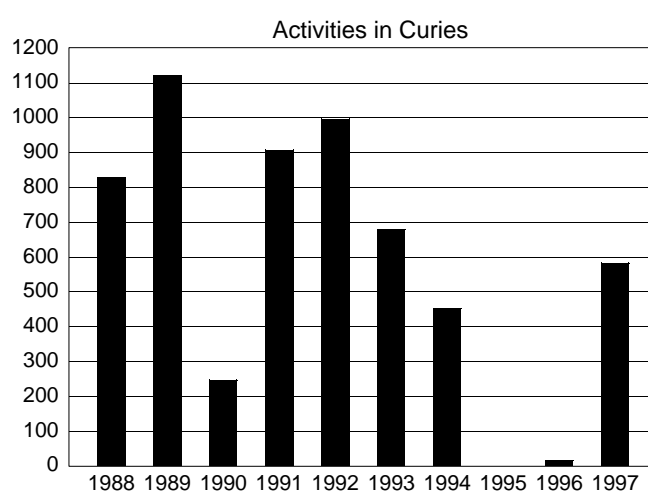
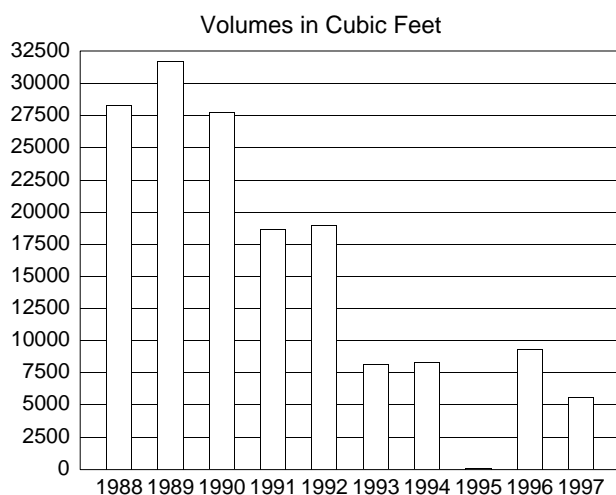
Generator Category	Volume (ft ³)	Activity (curies)
Academic	1.34	0
Government	3.00	<.01
Industrial	.78	.04
Utility	5,652.43	583.58
Total	5,657.55	583.62

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

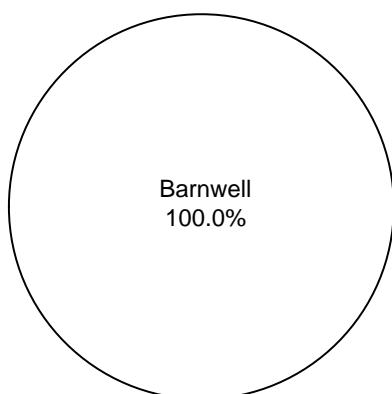


ARIZONA

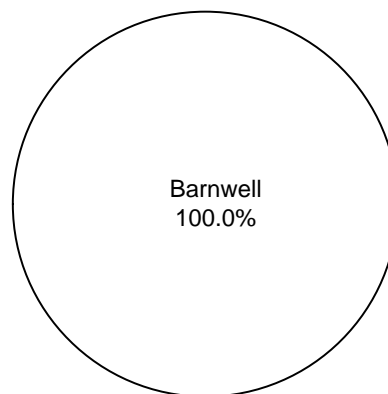
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Generator Category</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>5,657.55</u>	<u>583.62</u>
Total	5,657.55	583.62

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



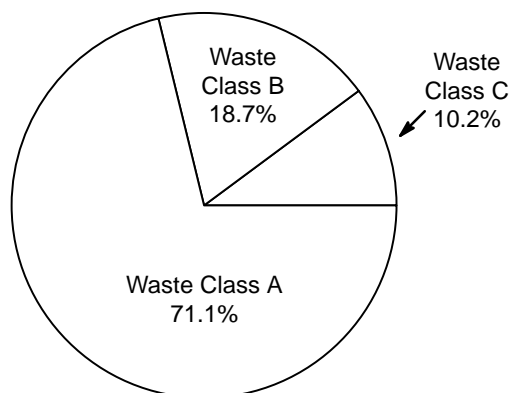
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	4,024.95
B	1,059.20
C	<u>573.40</u>
Total	5,657.55

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

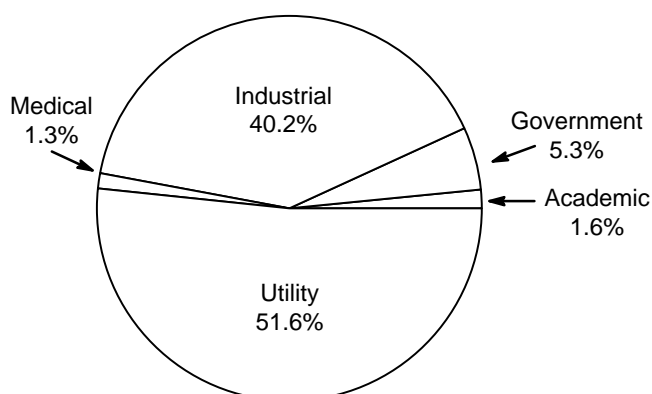


CALIFORNIA

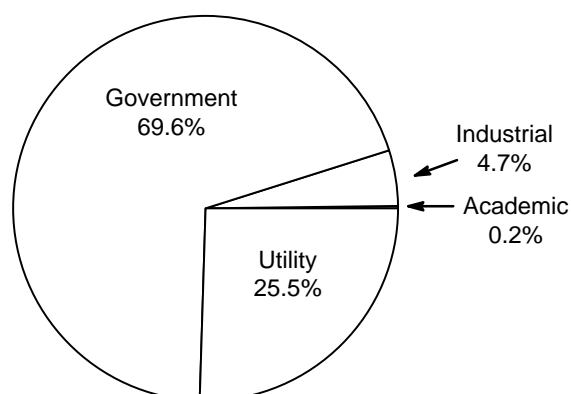
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

States	Volume (ft ³)	Activity (curies)
Academic	123.51	3.28
Government	413.33	940.30
Industrial	3,135.93	62.76
Medical	101.05	.54
Utility	4,023.78	344.05
Total	7,797.60	1,350.94

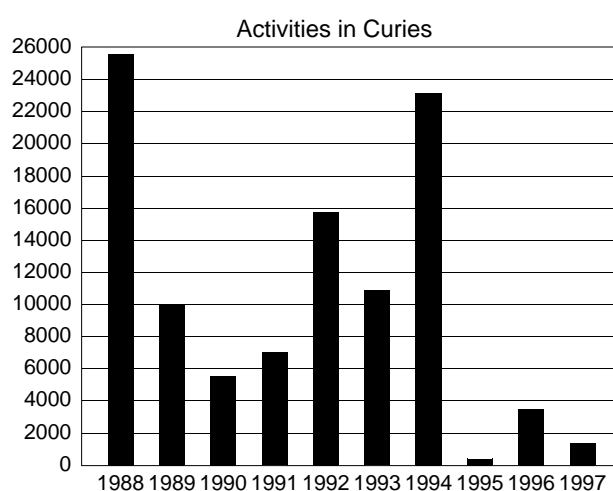
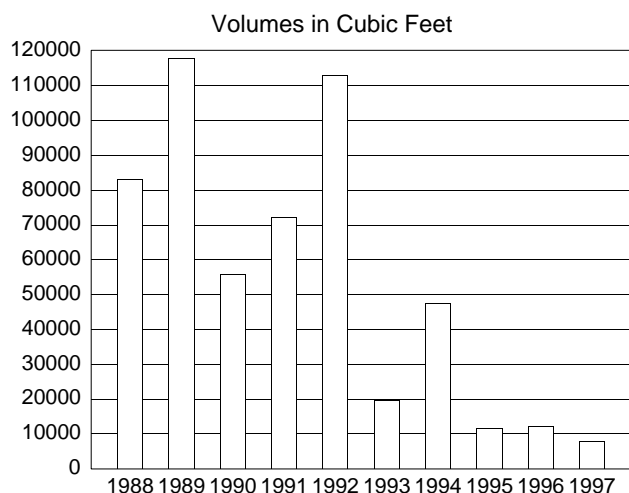
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

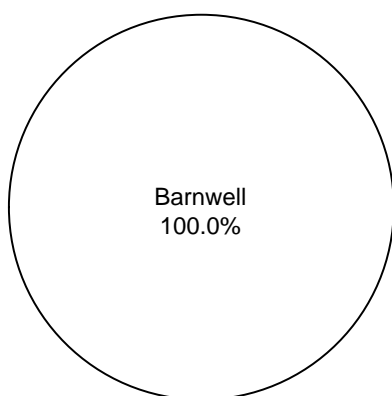


CALIFORNIA

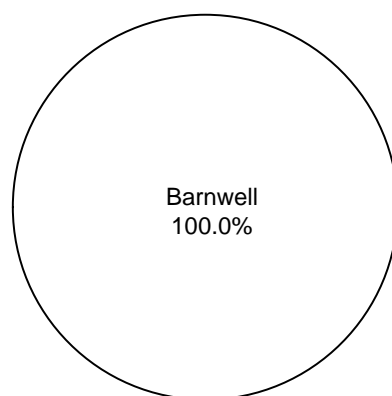
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>7,797.60</u>	<u>1,350.94</u>
Total	7,797.60	1,350.94

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



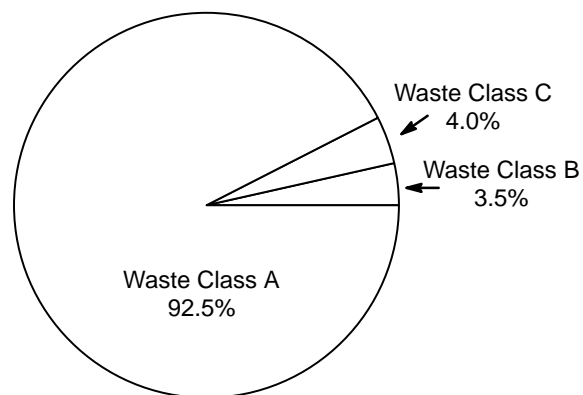
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	7,210.92
B	275.38
C	<u>311.30</u>
Total	7,797.60

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

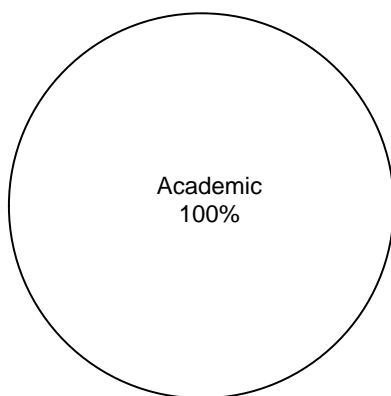


NORTH DAKOTA

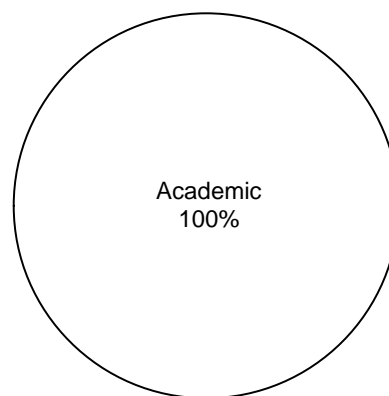
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	1.00	<.01
Total	1.00	<.01

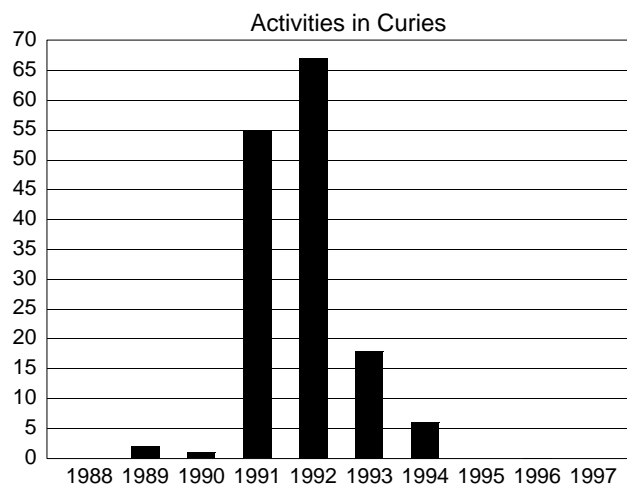
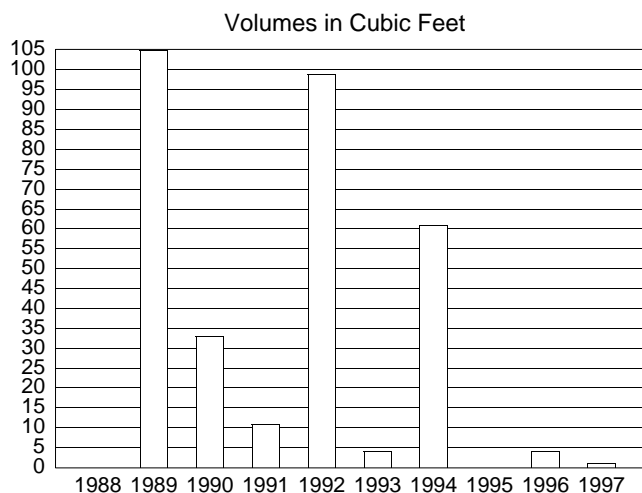
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

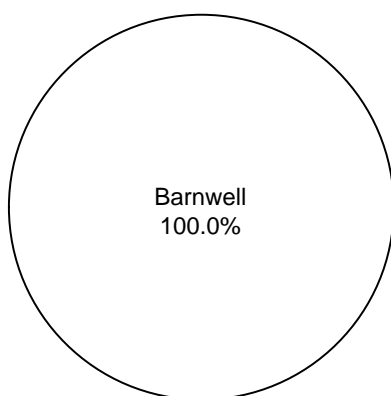


NORTH DAKOTA

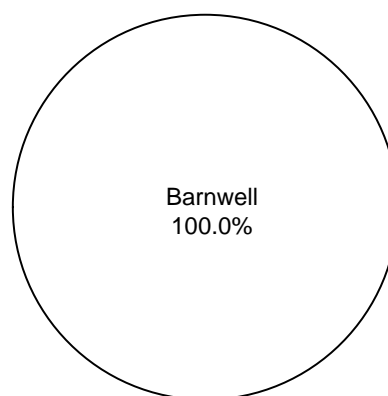
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>1.00</u>	<u><.01</u>
Total	1.00	<.01

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



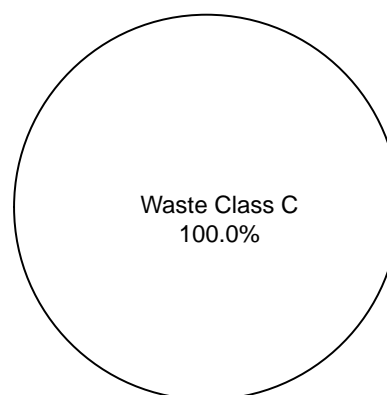
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	0
B	0
C	<u>1.00</u>
Total	1.00

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)



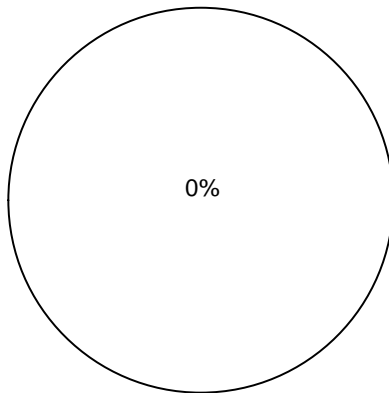
SOUTH DAKOTA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

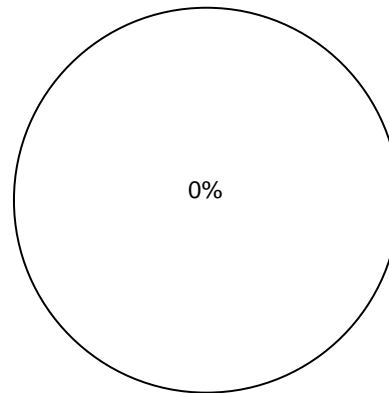
Generator Category	Volume (ft ³)	Activity (curies)
-----------------------	------------------------------	----------------------

No LLW Disposed in 1997

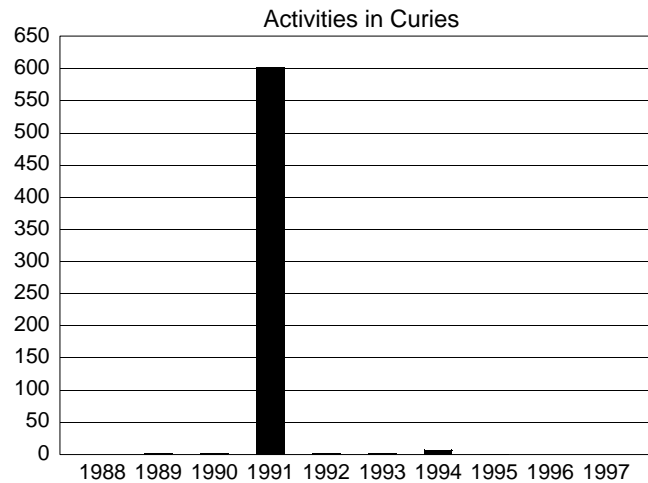
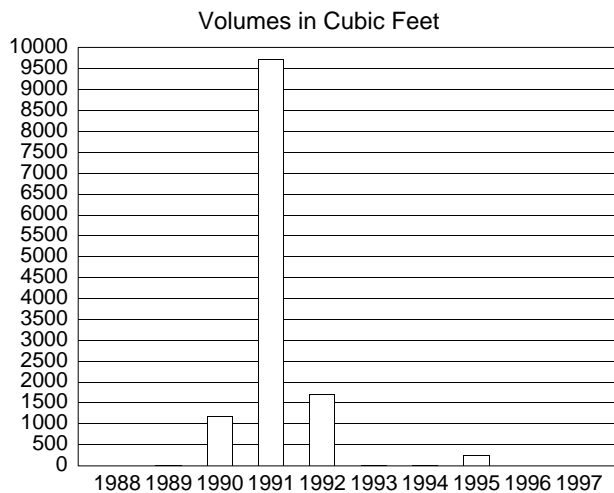
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

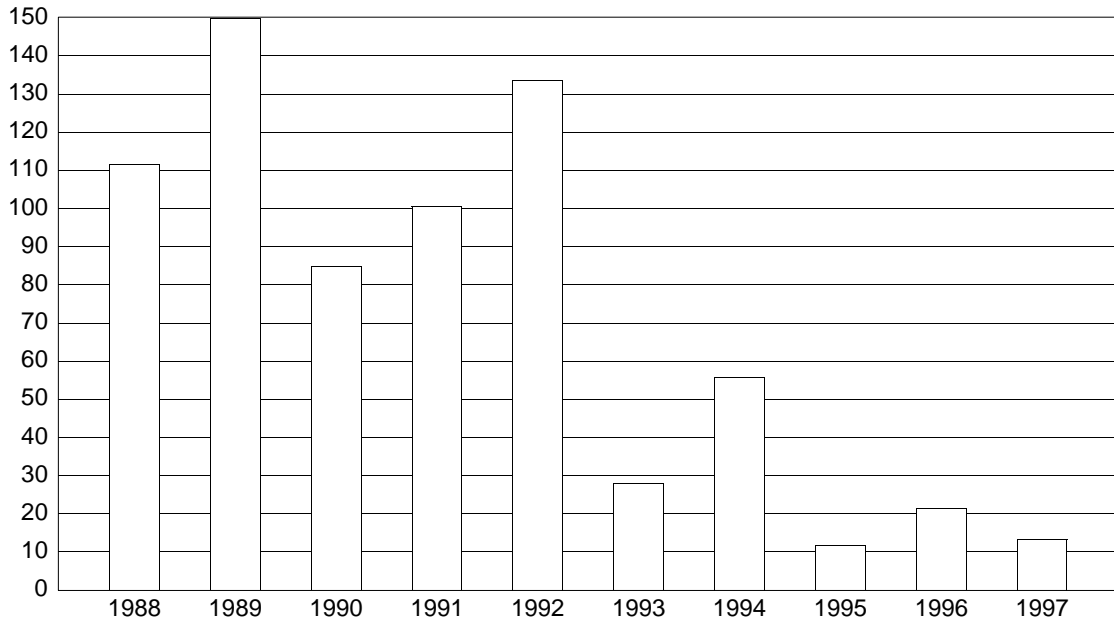


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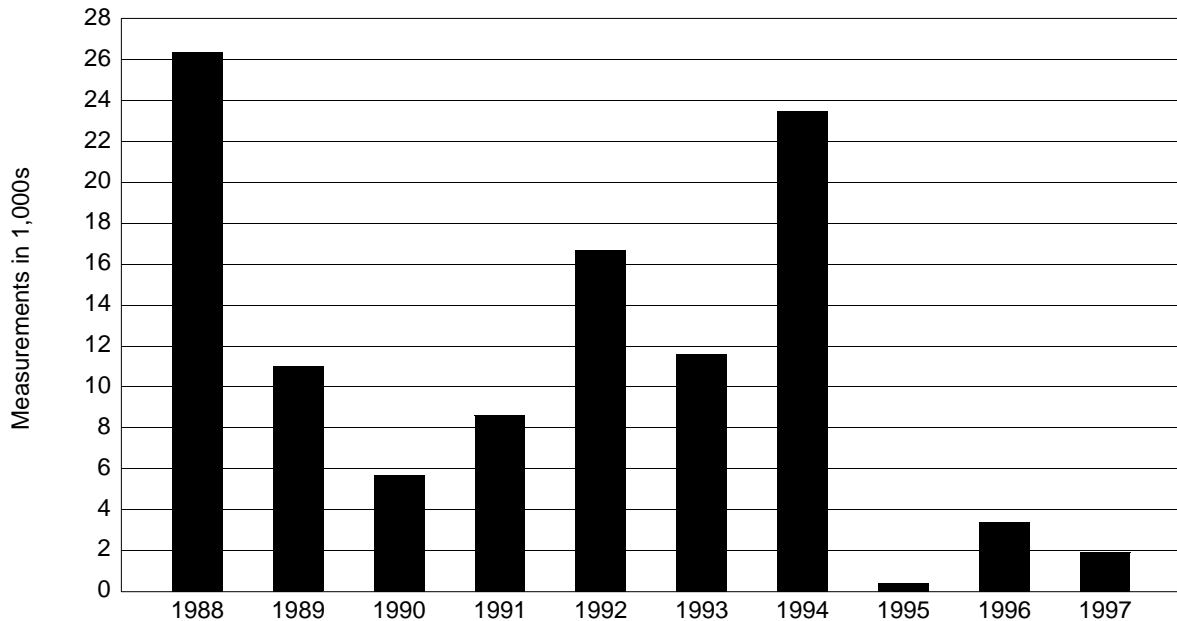
SOUTHWESTERN COMPACT Comparison By Year

NOTE: The years 1988 through 1997 include all states currently being reported in the Southwestern compact region.

Volumes in Cubic Feet x 1000



Activities in Curies x 1000



UNAFFILIATED STATES
Low-Level Radioactive Wastes Received
at Commercial Disposal Sites in 1997

States	Volume (ft ³)	Activity (curies)
Army Out U.S.	.20	.02
District of Columbia	104.58	.12
Maine ^a	1,554.19	243.96
Massachusetts	10,645.22	3,142.74
Michigan	13,389.61	7,611.37
New Hampshire	84.30	38.74
New York	9,972.67	770.83
Puerto Rico	11.00	.03
Rhode Island	11.36	<.01
South Carolina	5,869.67	1,398.33
Texas ^a	3,398.95	2,543.80
Vermont ^a	7,312.50	37,677.37
Total	52,354.25	53,427.31

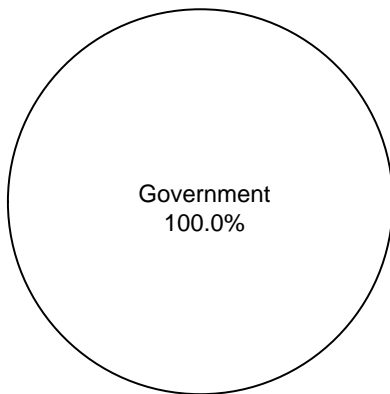
a. Proposed member states for pending Texas Compact.

ARMY OUT U.S.

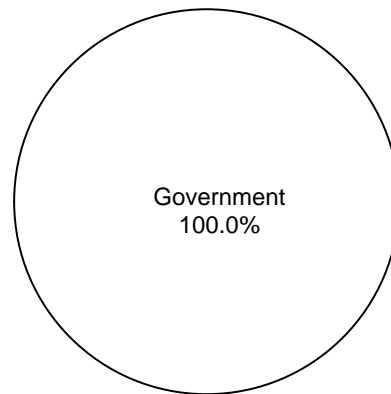
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Government	.20	.02
Total	.20	.02

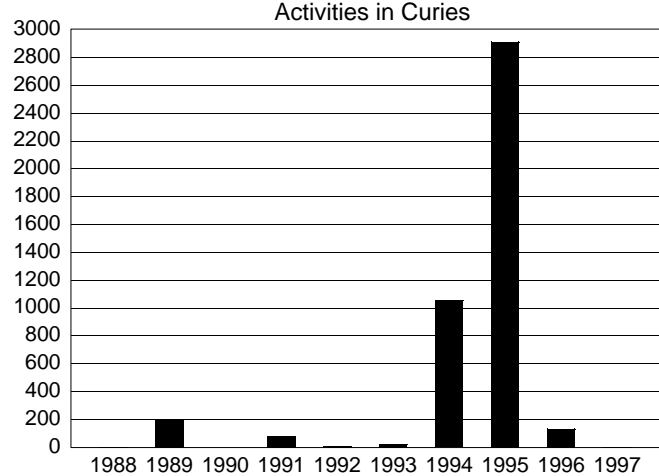
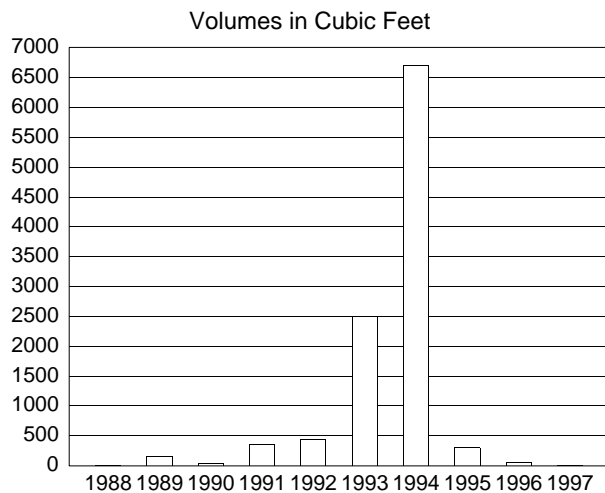
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

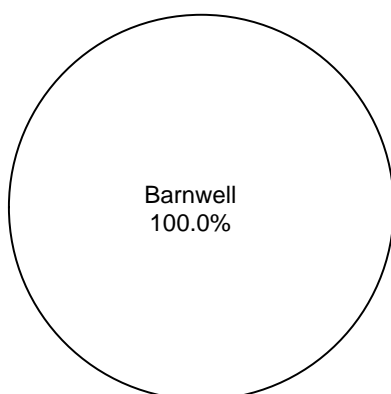


ARMY OUT U.S.

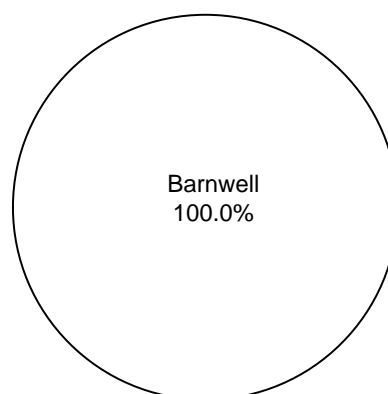
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	.20	.02
Total	.20	.02

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



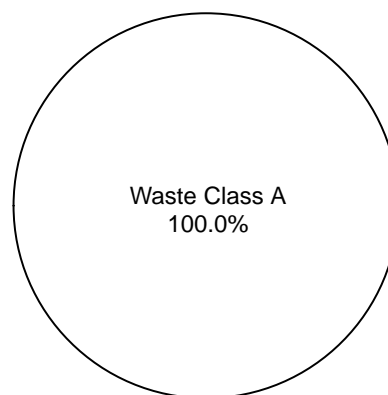
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

Waste Class	Volume (ft ³)
A	.20
B	0
C	0
Total	.20

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

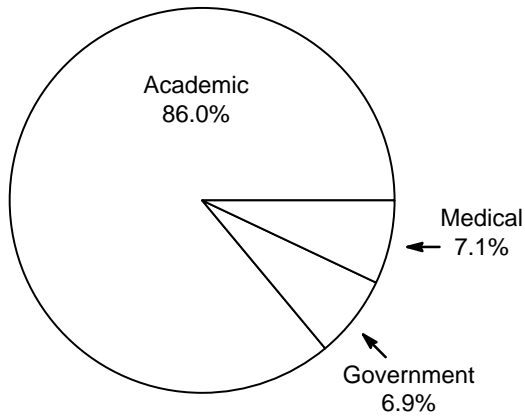


DISTRICT OF COLUMBIA

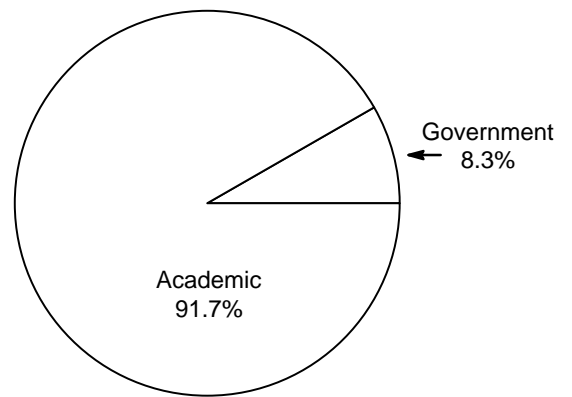
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	89.98	0.11
Government	7.20	0.01
Medical	7.40	<.01
Total	104.58	0.12

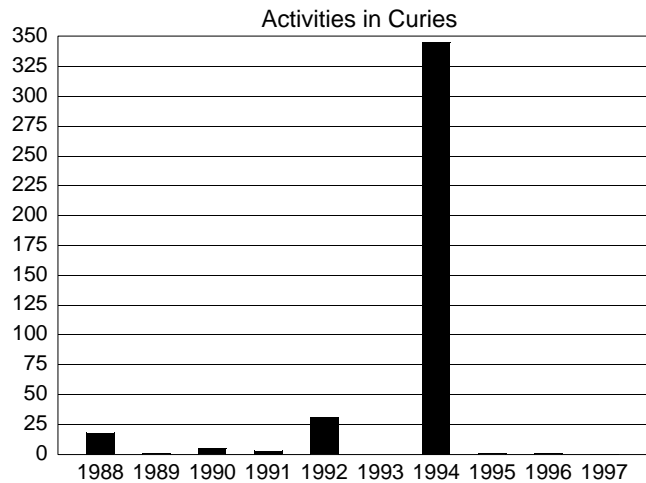
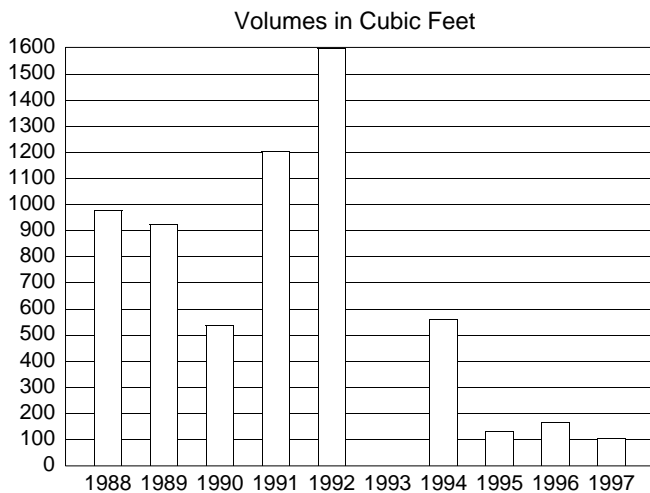
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

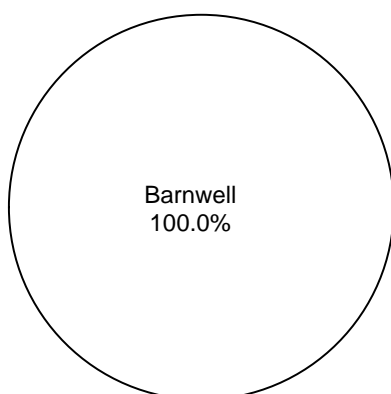


DISTRICT OF COLUMBIA

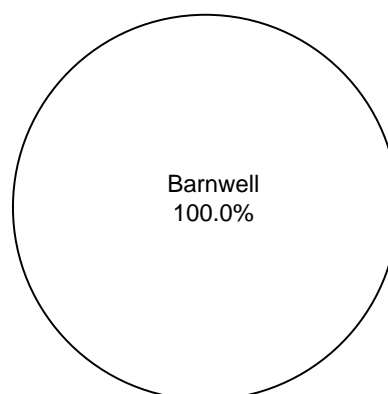
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>104.58</u>	<u>0.12</u>
Total	104.58	0.12

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



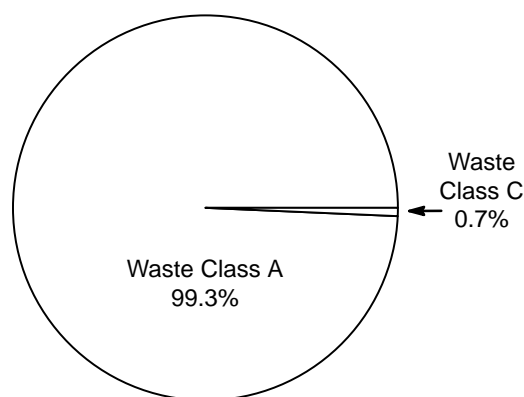
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	103.90
B	0
C	<u>.68</u>
Total	104.58

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

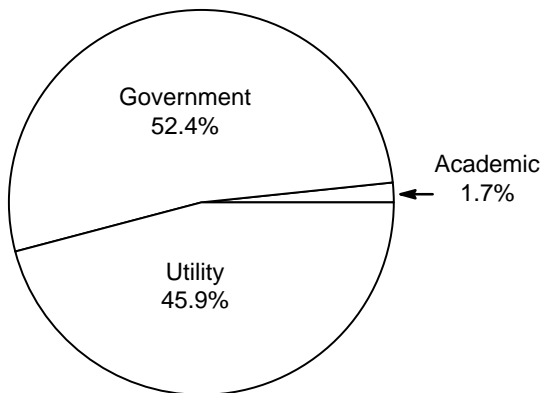


MAINE

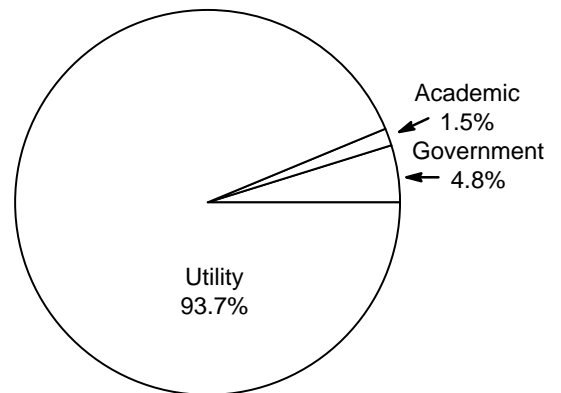
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	25.80	3.65
Government	814.90	11.81
Utility	713.49	228.50
Total	1,554.19	243.96

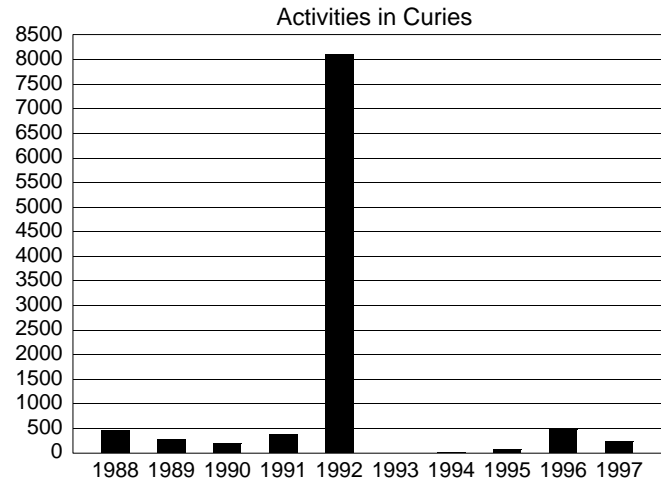
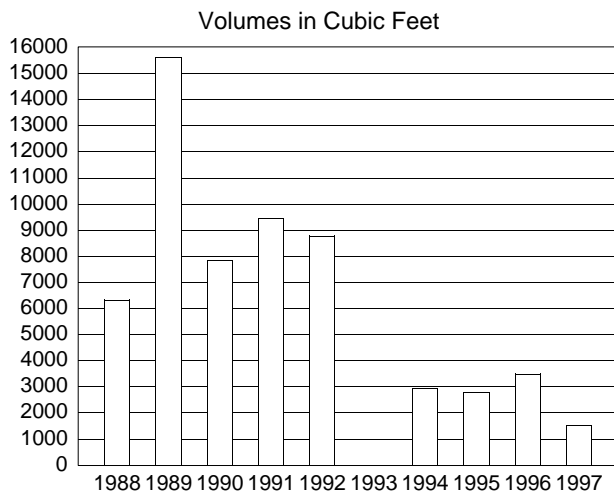
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



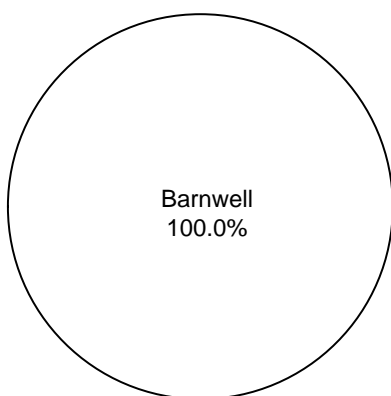
COMPARISON BY YEAR



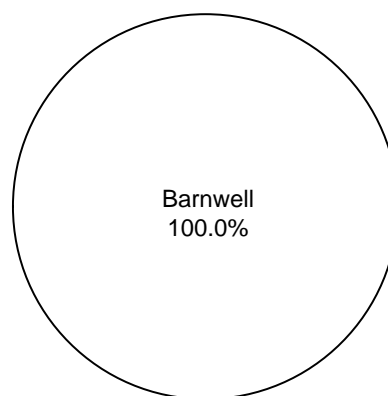
MAINE **Low-Level Radioactive Wastes Received** **at Commercial Disposal Sites in 1997**

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>1,554.19</u>	<u>243.96</u>
Total	1,554.19	243.96

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



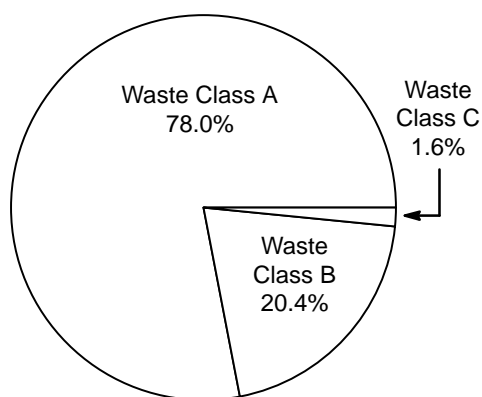
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	1,213.29
B	316.20
C	<u>24.70</u>
Total	1,554.19

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

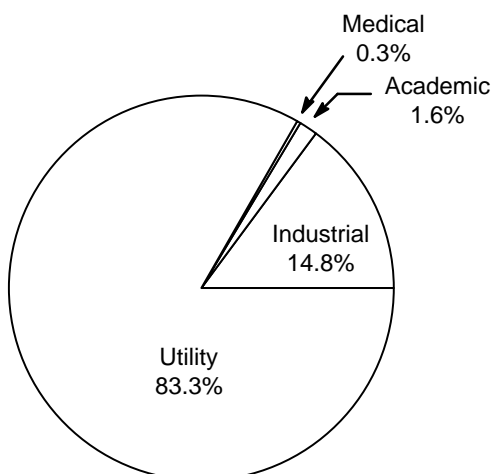


MASSACHUSETTS

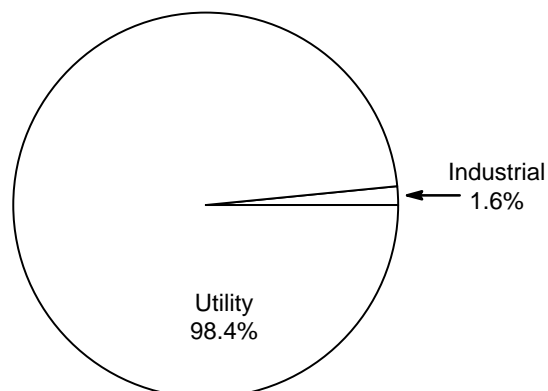
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	164.90	1.74
Government	4.60	<.01
Industrial	1,570.88	55.04
Medical	30.18	.18
Utility	8,874.66	3,085.77
Total	10,645.22	3,142.74

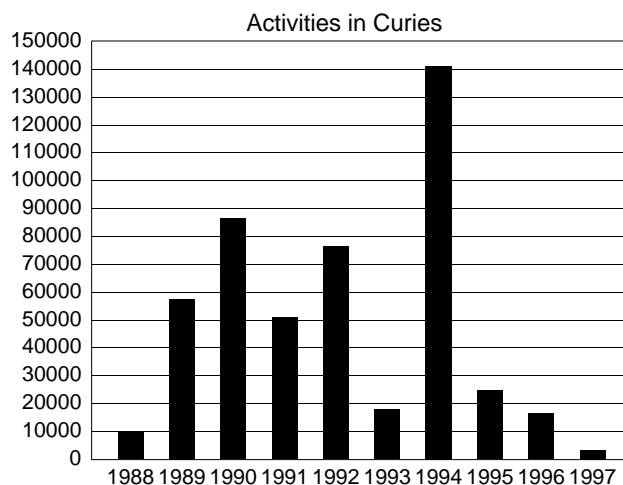
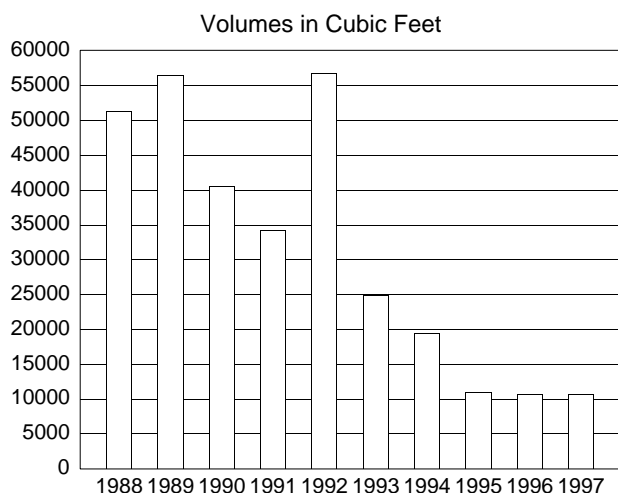
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

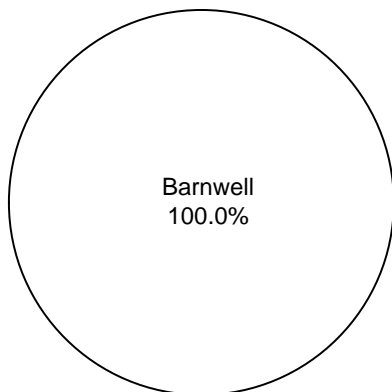


MASSACHUSETTS

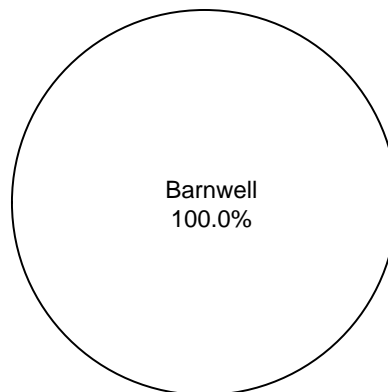
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>10,645.22</u>	<u>3,142.74</u>
Total	10,645.22	3,142.74

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



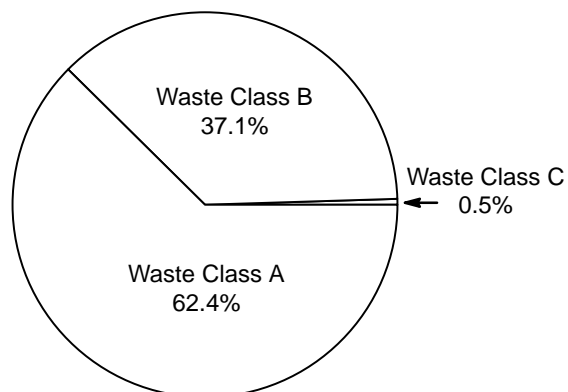
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	6,641.30
B	3,952.00
C	<u>51.92</u>
Total	10,645.22

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

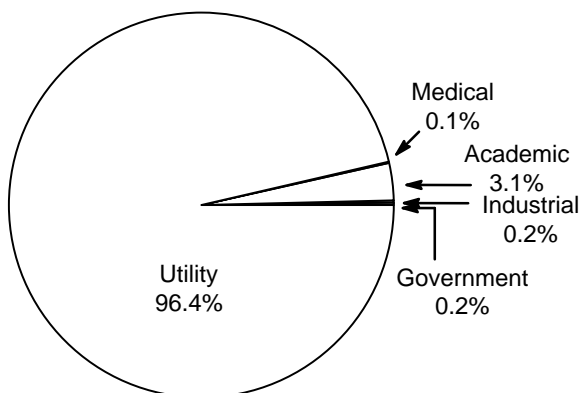


MICHIGAN

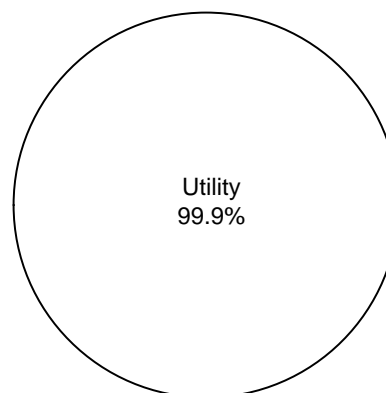
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	410.31	.28
Government	25.40	<.01
Industrial	27.39	.56
Medical	17.00	.80
Utility	12,909.51	7,609.73
Total	13,389.61	7,611.37

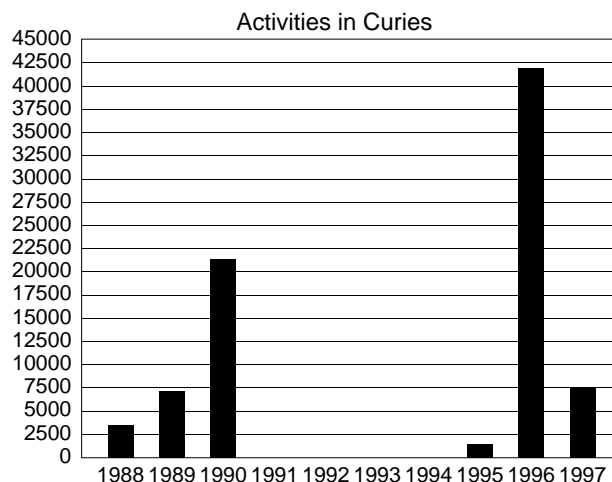
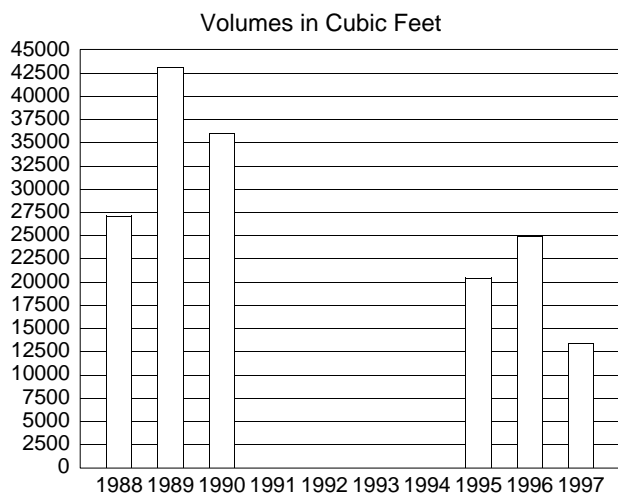
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

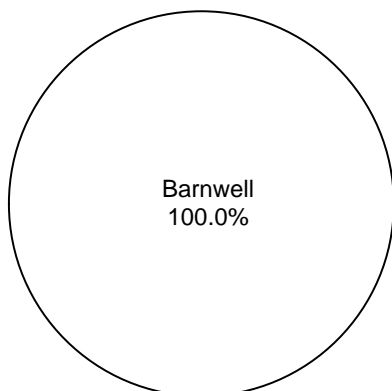


MICHIGAN

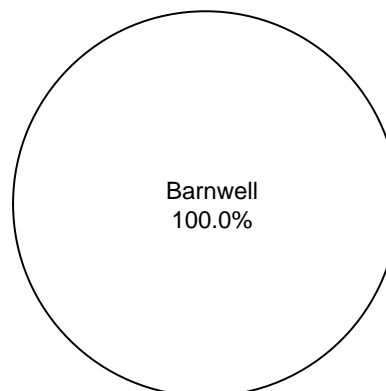
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	13,389.61	7,611.37
Total	13,389.61	7,611.37

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



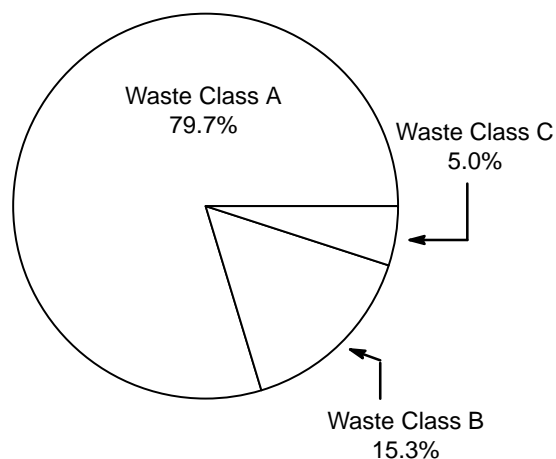
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

Waste Class	Volume (ft ³)
A	10,676.66
B	2,047.94
C	665.01
Total	13,389.61

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

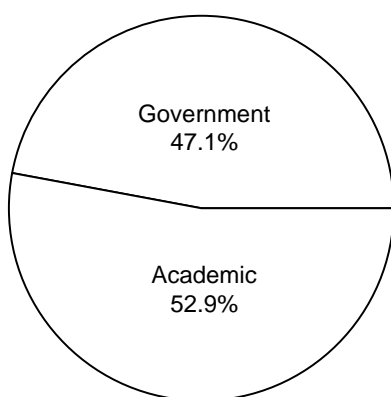


NEW HAMPSHIRE

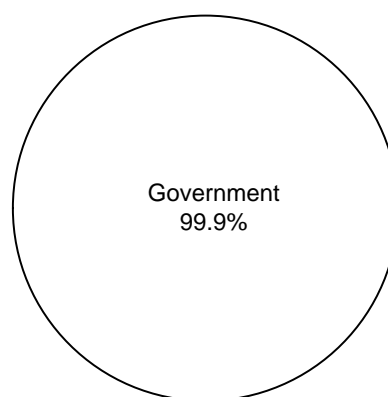
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	44.60	<.01
Government	39.70	38.73
Total	84.30	38.74

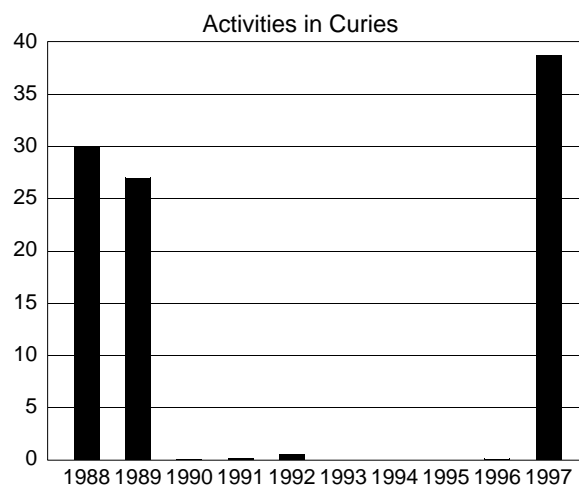
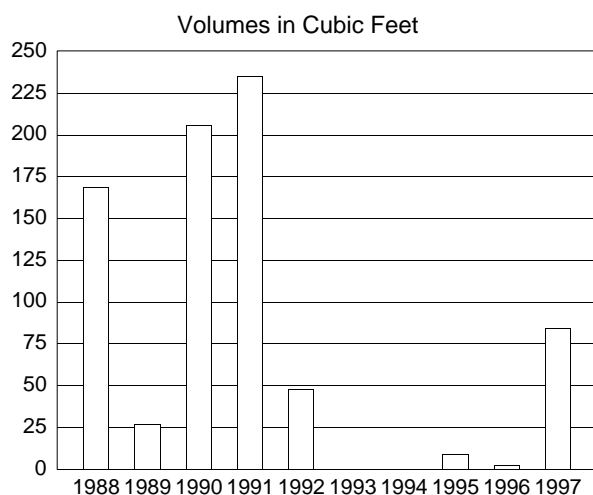
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

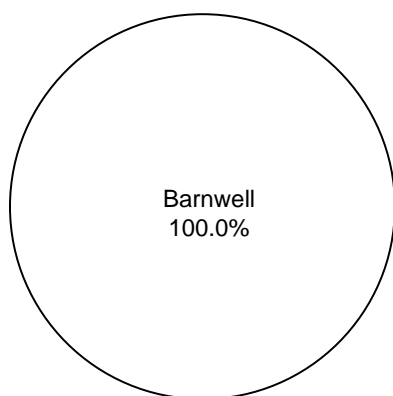


NEW HAMPSHIRE

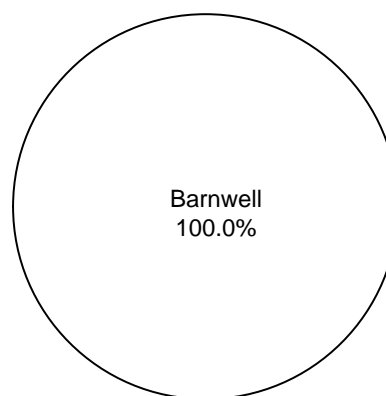
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	84.30	38.74
Total	84.30	38.74

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



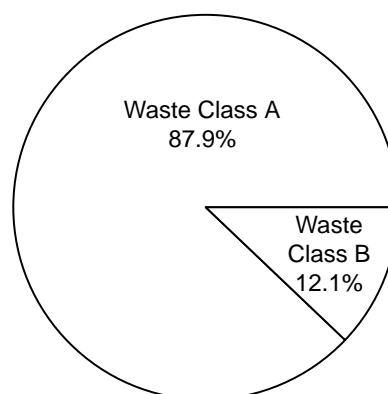
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	74.10
B	10.20
C	0
Total	84.30

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

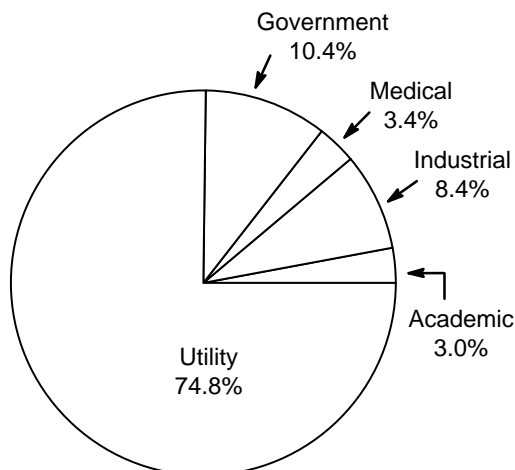


NEW YORK

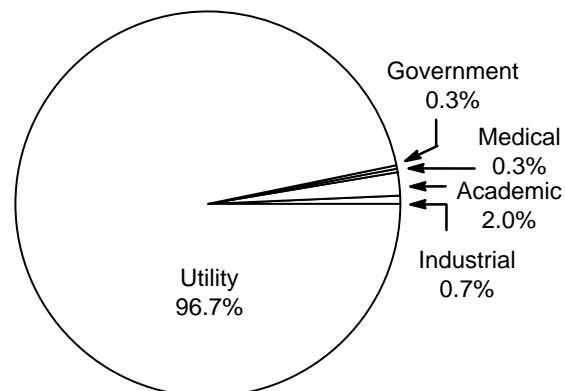
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	299.53	15.64
Government	1,032.87	2.29
Industrial	839.41	5.69
Medical	340.57	1.94
Utility	7,460.29	745.27
Total	9,972.67	770.83

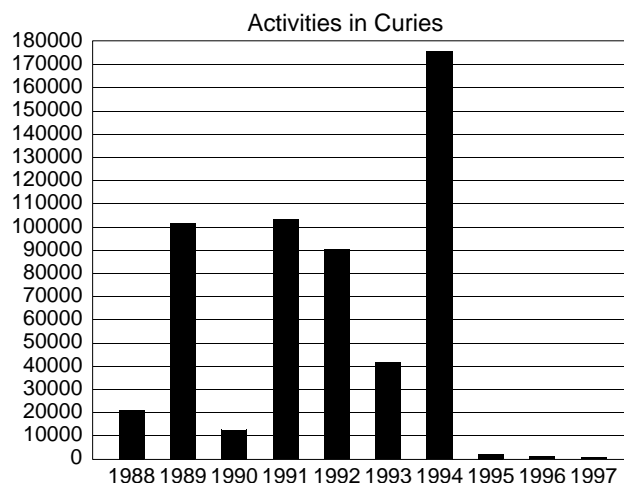
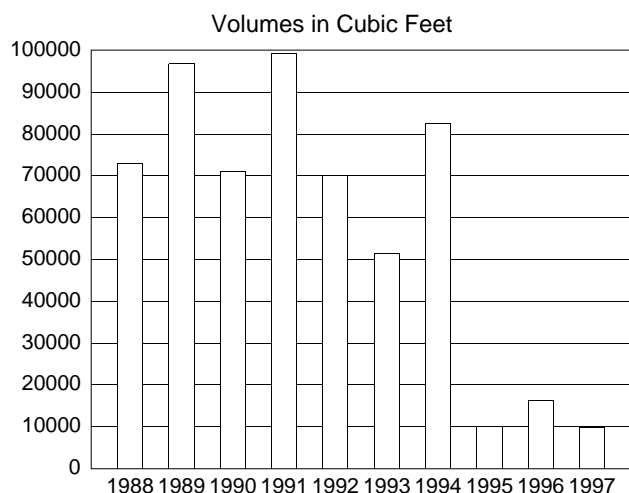
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

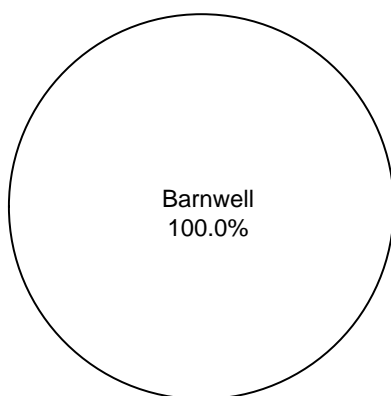


NEW YORK

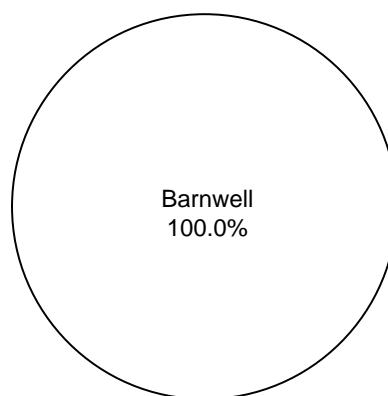
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>9,972.67</u>	<u>770.83</u>
Total	9,972.67	770.83

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



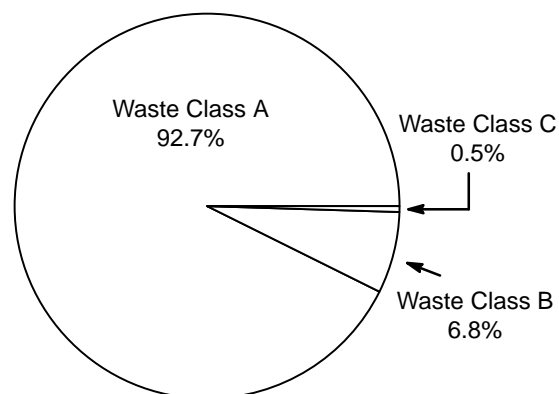
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	9,247.85
B	674.10
C	<u>50.72</u>
Total	9,972.67

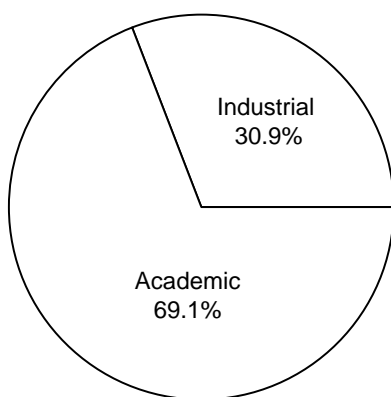
VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)



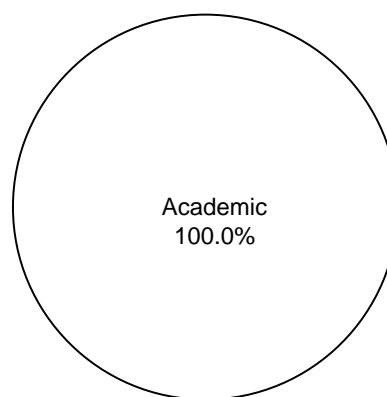
PUERTO RICO **Low-Level Radioactive Wastes Received** **at Commercial Disposal Sites in 1997**

Generator Category	Volume (ft ³)	Activity (curies)
Academic	7.60	.03
Industrial	3.40	<.01
Total	11.00	.03

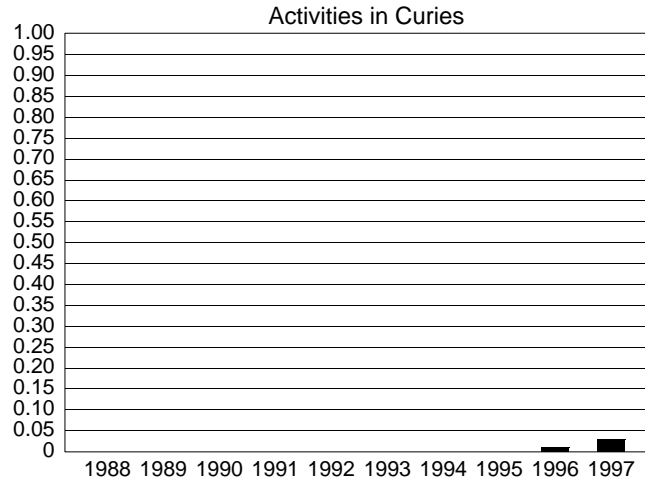
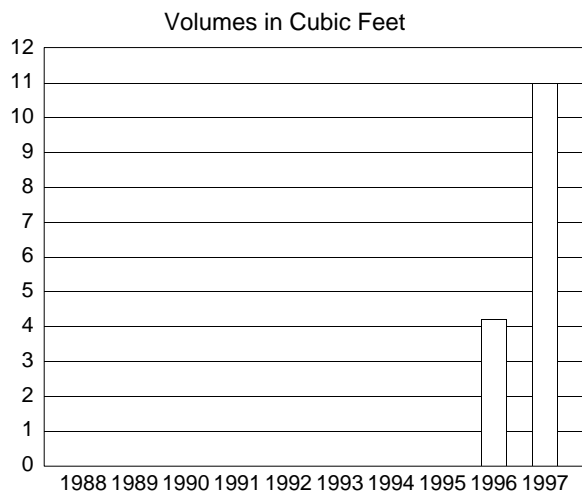
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



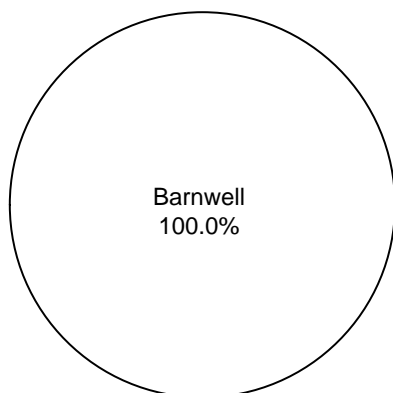
COMPARISON BY YEAR



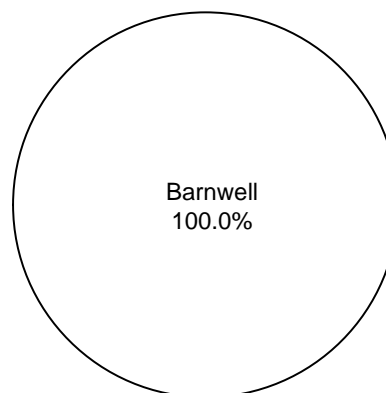
PUERTO RICO **Low-Level Radioactive Wastes Received** **at Commercial Disposal Sites in 1997**

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>11.00</u>	<u>.03</u>
Total	11.00	.03

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



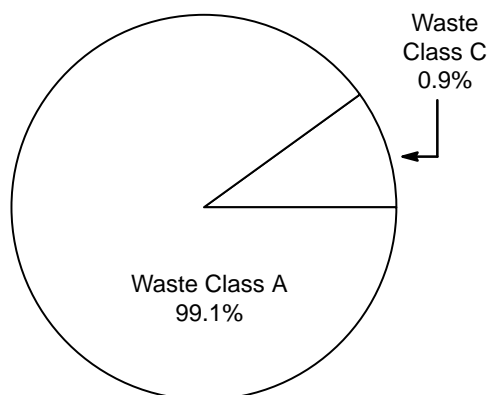
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	10.90
B	0
C	<u>.10</u>
Total	11.00

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

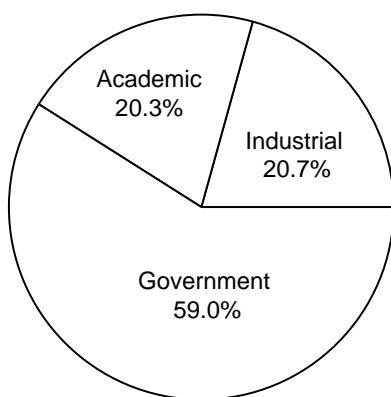


RHODE ISLAND

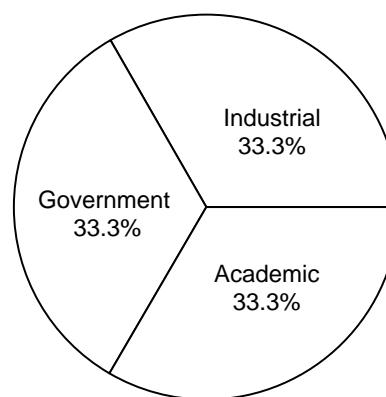
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	2.30	<.01
Government	6.70	<.01
Industrial	2.36	<.01
Total	11.36	<.01

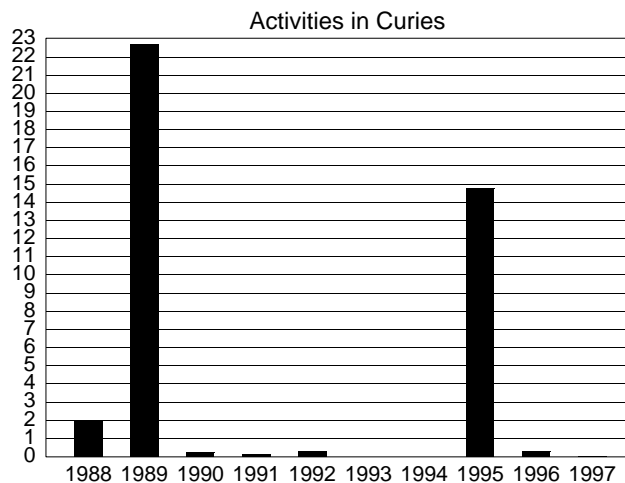
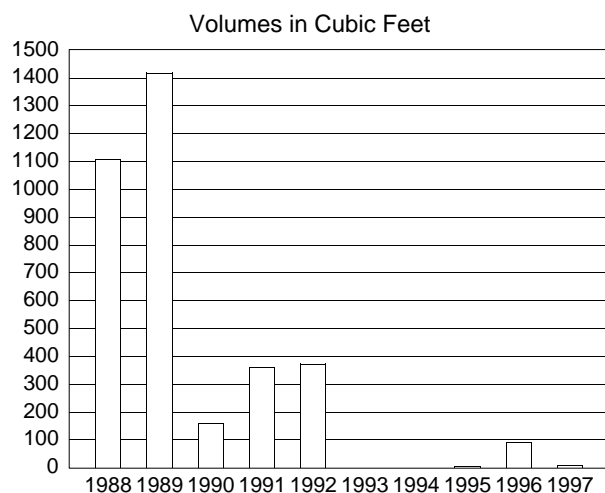
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

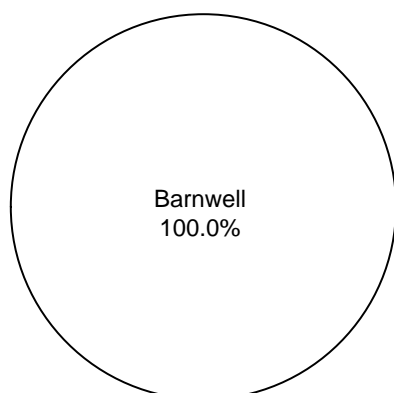


RHODE ISLAND

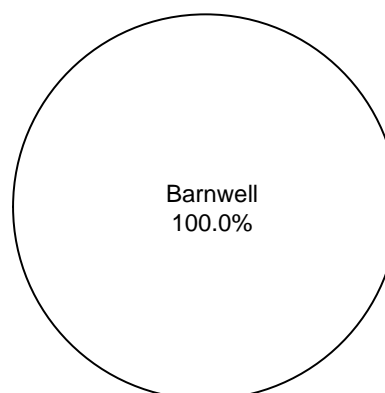
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	11.36	<.01
Total	11.36	<.01

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



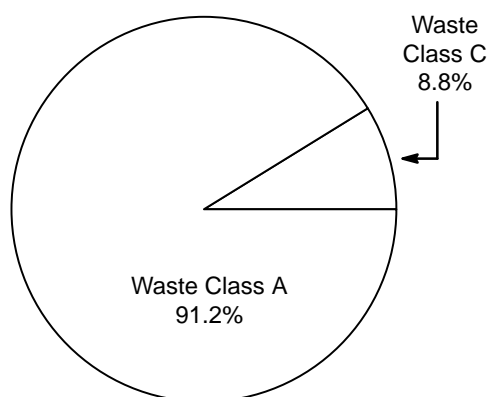
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

Waste Class	Volume (ft ³)
A	10.36
B	0
C	1.00
Total	11.36

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

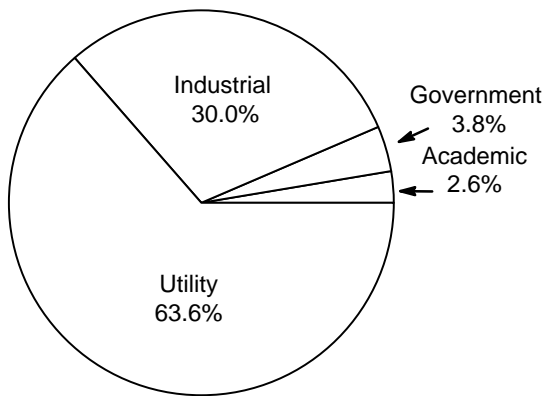


SOUTH CAROLINA

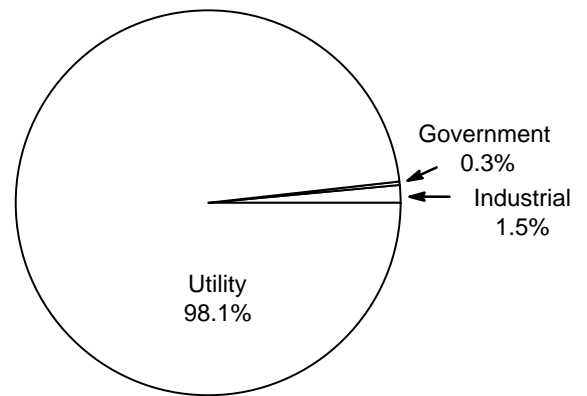
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	149.52	.87
Government	225.60	4.59
Industrial	1,763.35	20.38
Medical	.70	.11
Utility	3,730.50	1,372.37
Total	5,869.67	1,398.33

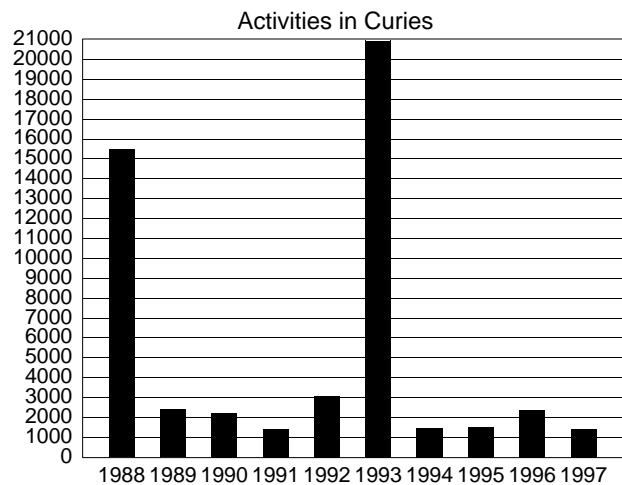
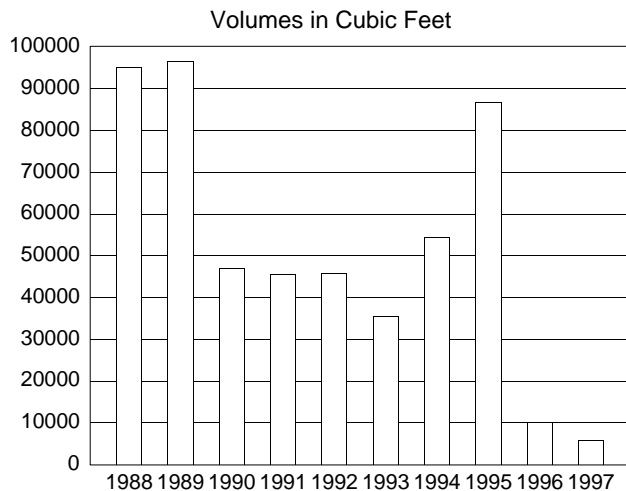
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

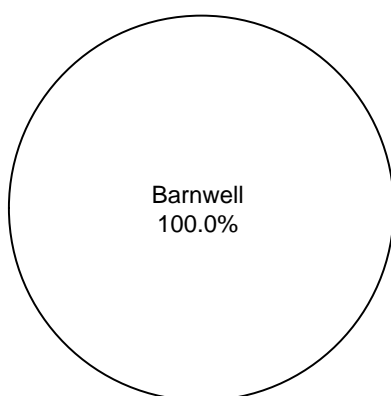


SOUTH CAROLINA

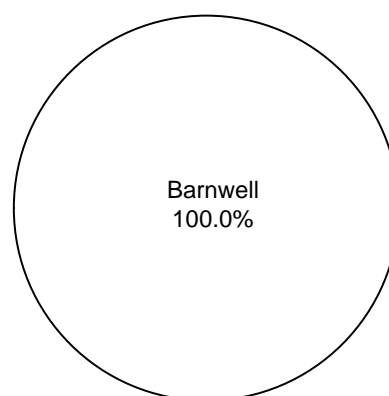
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>5,869.67</u>	<u>1,398.33</u>
Total	5,869.67	1398.33

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



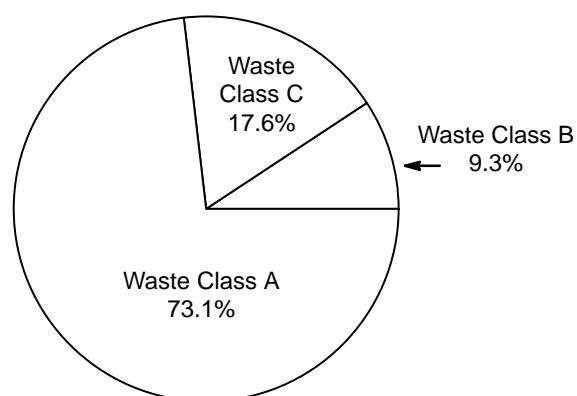
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	4,288.03
B	544.30
C	<u>1,037.34</u>
Total	<u>5,869.67</u>

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

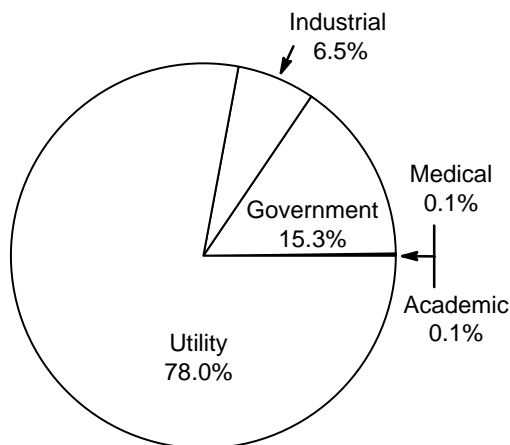


TEXAS

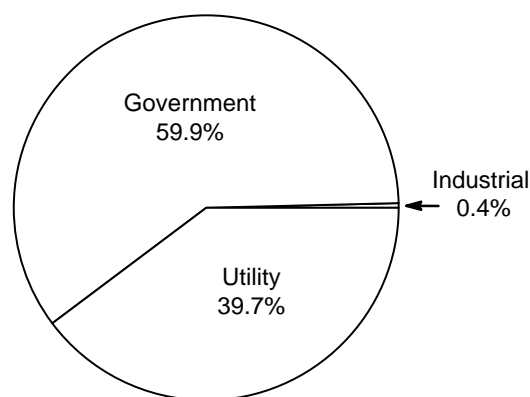
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Academic	3.66	.07
Government	520.30	1,523.91
Industrial	220.25	9.81
Medical	4.00	.03
Utility	2,650.74	1,009.99
Total	3,398.95	2,543.80

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

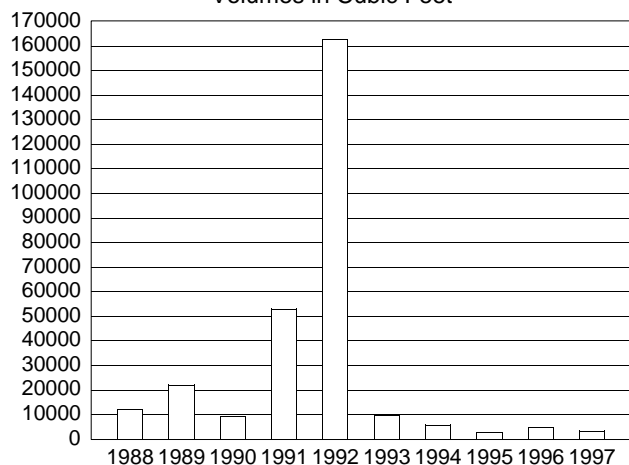


ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

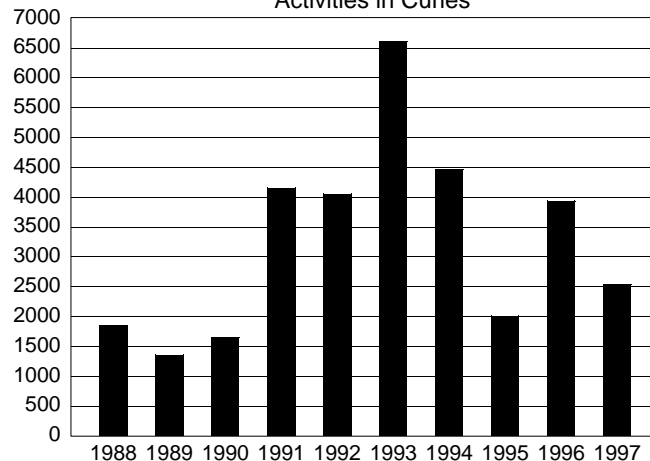


COMPARISON BY YEAR

Volumes in Cubic Feet



Activities in Curies

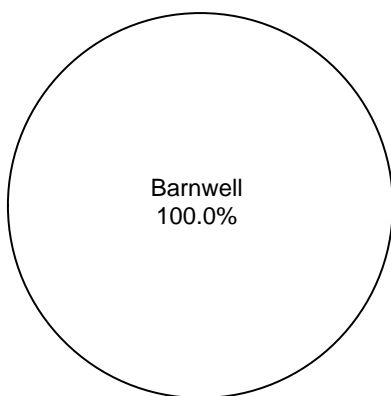


TEXAS

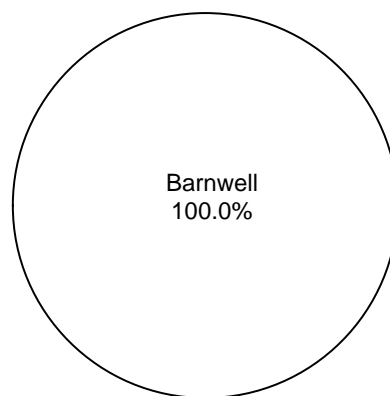
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>3,398.95</u>	<u>2,543.80</u>
Total	3,398.95	2,543.80

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



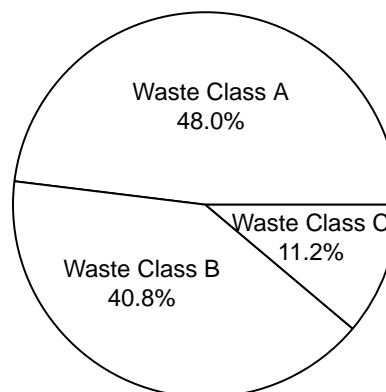
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	1,632.34
B	1,386.21
C	<u>380.40</u>
Total	3,398.95

VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)

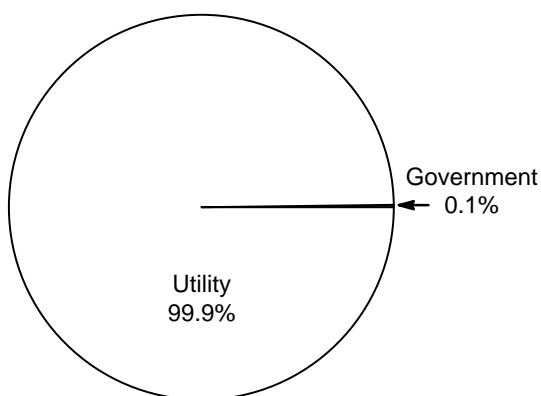


VERMONT

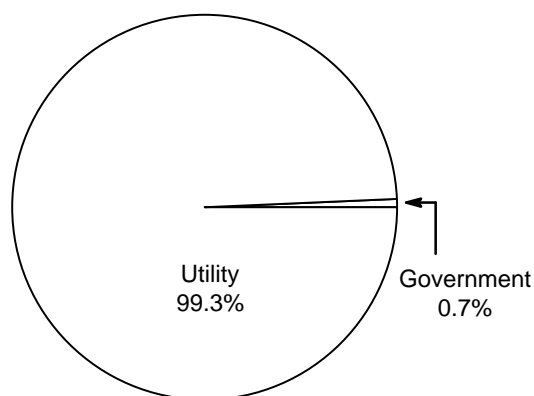
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

Generator Category	Volume (ft ³)	Activity (curies)
Government	10.20	262.51
Utility	7,302.30	37,414.86
Total	7,312.50	37,677.37

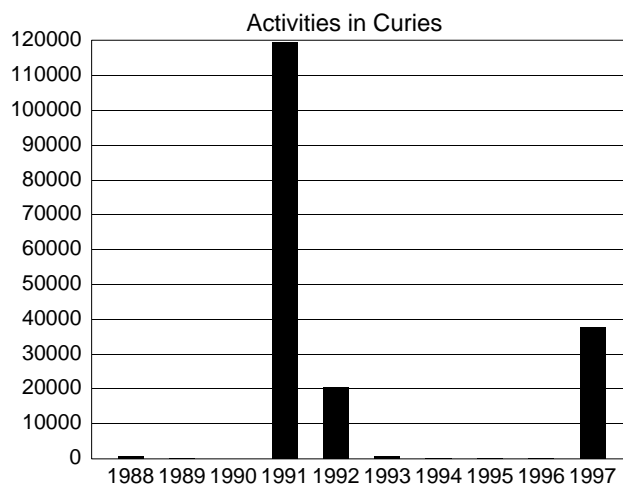
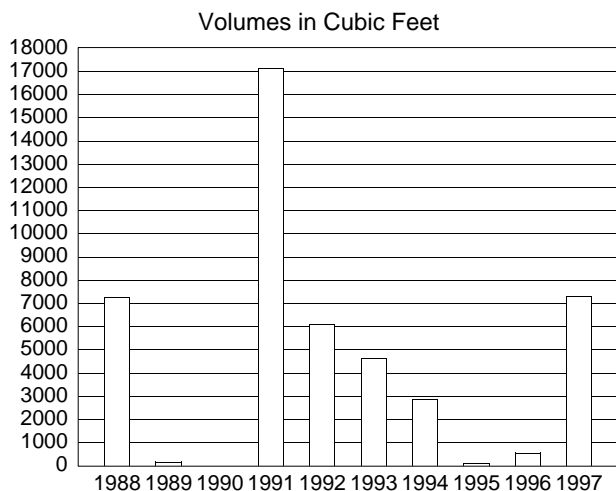
VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)



COMPARISON BY YEAR

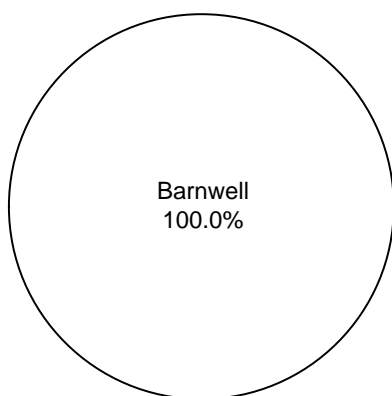


VERMONT

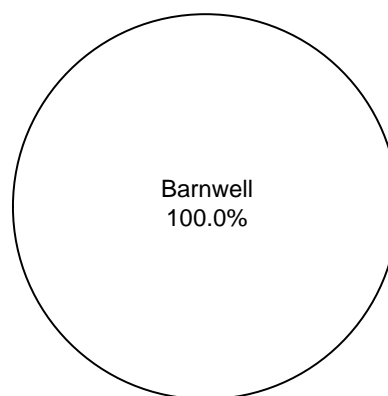
Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1997

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>7,312.50</u>	<u>37,677.37</u>
Total	7,312.50	37,677.37

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



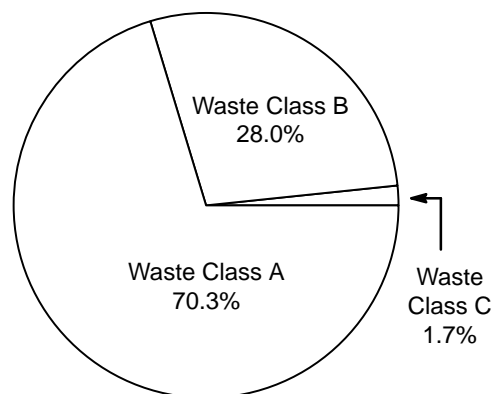
ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)



VOLUME BY WASTE CLASS

<u>Waste Class</u>	<u>Volume (ft³)</u>
A	5,137.90
B	2,049.60
C	<u>125.00</u>
Total	7,312.50

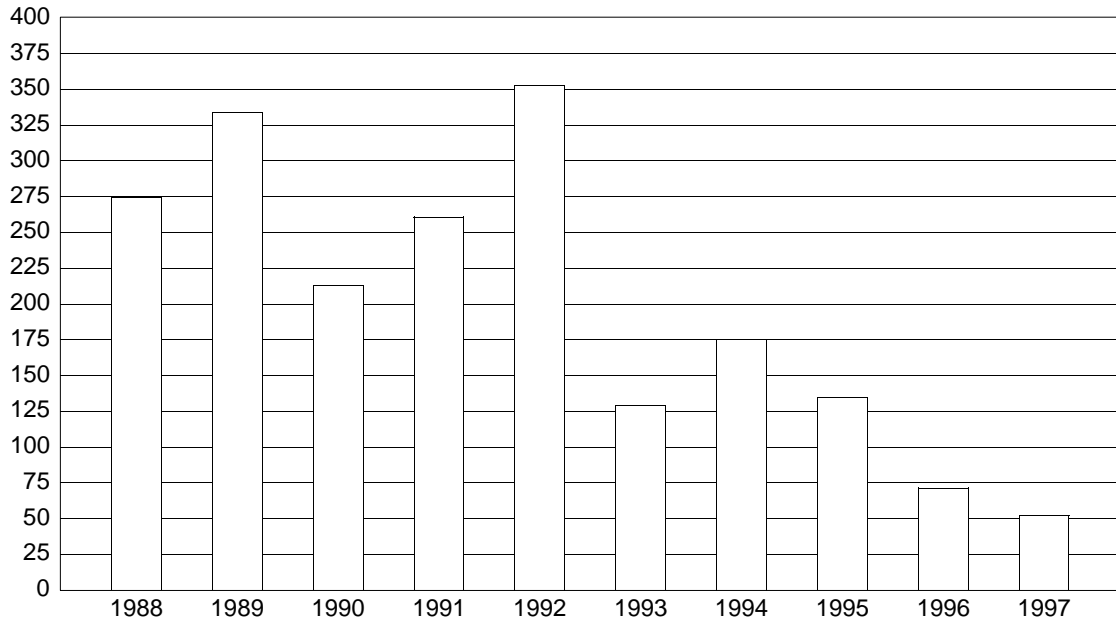
VOLUME PERCENTAGE BY WASTE CLASS
(Percentages <.1% are not displayed)



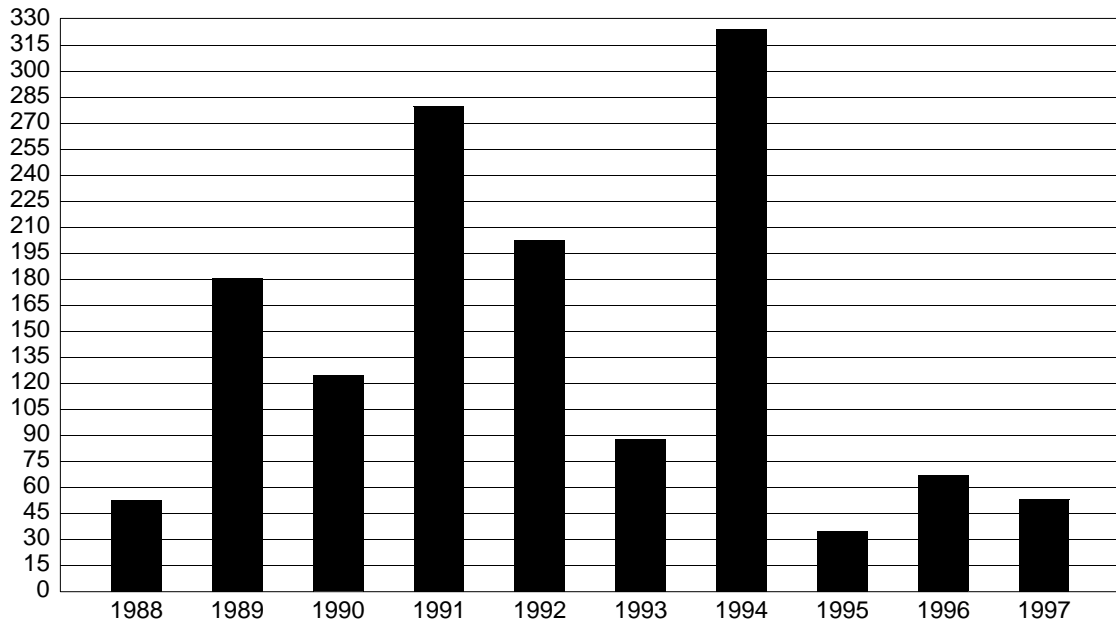
UNAFFILIATED STATES Comparison By Year

NOTE: The years 1988 through 1997 include all states currently being reported in the unaffiliated compact region.

Volumes in Cubic Feet x 1000



Activities in Curies x 1000



APPENDIX B

WASTE VOLUME COMPARISON BY STATE, RADIOACTIVITY COMPARISON BY STATE, AND COMMERCIAL NUCLEAR POWER REACTORS IN THE UNITED STATES

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Table B-1. Waste volume comparison by state, 1993-1997, as reported by disposal site operators.

State	Volume (ft ³)				
	1993	1994	1995	1996	1997
Alabama	13,077	14,194	14,056	9,267	7,115
Alaska	447	44	0	37 ^a	2
Arizona	8,153	8,300	<1	9,329	5,658
Arkansas	2,890	6,258	1,943	571	713
Army Out U.S.	2,506	6,716	300	66	<1
California	19,804	47,458	11,521	12,071	7,798
Colorado	38,659	17,589	68,988	10,163 ^a	4,748
Connecticut	14,602	12,737	6,216	10,871	4,013
Delaware	500	375	58	127	22
District of Columbia	<1	562	130	165	105
Florida	12,527	11,977	6,136	6,220	4,509
Georgia	13,232	19,428	18,327	13,406	13,135
Hawaii	2,361	1,900	2,634	1,575 ^a	1,047
Idaho	324	27	1,460	38 ^a	30
Illinois	66,515	61,224	57,762	51,771	37,449
Indiana	967	1,623	101	329	381
Iowa	2,007	3,179	2,058	3,639	830
Kansas	2,726	1,981	926	1,185	946
Kentucky	468	333	91	442	29
Louisiana	7,161	15,632	6,768	5,378	3,305
Maine	0	2,940	2,808	3,499	1,554
Maryland	11,364	8,421	4,429	3,391	3,139
Massachusetts	24,964	19,486	10,978	10,756	10,645
Michigan	0	0	20,459	24,951	13,390
Minnesota	5,057	1,932	2,467	3,215	1,752
Mississippi	7,372	7,128	10,030	5,601	1,688
Missouri	3,189	5,897	1,423	2,917	1,652
Montana	0	10	8	136 ^a	173
Nebraska	11,768	2,634	2,385	5,013	2,993
Nevada	0	280	76	302 ^a	42
New Hampshire	0	0	9	2	84
New Jersey	21,077	22,501	14,184	15,805	25,355
New Mexico	12	402	891	493 ^a	854
New York	51,623	82,583	10,114	16,228	9,973
North Carolina	37,028	30,707	25,011	0	0

Table B-1. (continued).

State	Volume (ft ³)				
	1993	1994	1995	1996	1997
North Dakota	4	61	0	4	1
Ohio	6,677	11,668	8,822	7,091	4,074
Oklahoma	195	467	138	152	58
Oregon	99,828	32,179	74,820	52,367 ^a	52,991
Pennsylvania	48,624	51,465	35,200	24,203	14,605
Puerto Rico	0	0	0	4 ^a	11
Rhode Island	0	0	6	91	11
South Carolina	35,476	54,544	86,775	10,273	5,870
South Dakota	9	5	246	0	0
Tennessee	84,658	154,301	78,810	41,313	23,589
Texas	9,801	5,880	2,935	4,887	3,399
Utah	6,524	5,849	4,498	5,454 ^a	4,386
Vermont	4,633	2,863	120	563	7,313
Virginia	72,522	50,498	40,130	17,663	8,905
Washington	38,593	66,259	51,606	35,259 ^a	27,467
West Virginia	27	82	4	35	2
Wisconsin	2,225	5,892	1,051	2,397	1,305
Wyoming	0	206	53	34 ^a	8
Total	792,177	858,677	689,957	430,752 ^a	319,120

a. 1996 values have been adjusted.

Table B-2. Waste radioactivity comparison by state, 1993-1997, as reported by disposal site operators.

State	Radioactivity (ci)				
	1993	1994	1995	1996	1997
Alabama	67,949	9,034	78,340	22,281	25,408
Alaska	<1	5	0	604 ^a	100
Arizona	680	453	0	16	584
Arkansas	4,860	473	8	303	2
Army Out U.S.	20	1,056	2,914	133	<1
California	10,914	23,132	409	3,475	1,351
Colorado	30,007	4,521	553	85 ^a	7
Connecticut	5,378	889	841	3,088	259
Delaware	45	69	<1	6	<1
District of Columbia	<1	345	<1	1	<1
Florida	13,052	3,280	2,444	1,418	632
Georgia	218,851	167,310	13,798	122,520	3,209
Hawaii	3	50	1,821	1	27
Idaho	2	94	<1	<1 ^a	<1
Illinois	37,718	32,136	7,044	57,329	18,385
Indiana	7	129	36	10	1
Iowa	51,342	1,633	209	552	174
Kansas	1,440	2,297	398	3,996	704
Kentucky	510	285	20	462	<1
Louisiana	255	1,878	13,244	799	501
Maine	0	17	78	477	244
Maryland	5,019	1,440	346	349	199
Massachusetts	18,012	141,110	24,903	16,628	3,143
Michigan	0	0	1,438	41,907	7,611
Minnesota	1,450	1,739	365	1,406	83
Mississippi	493	660	1,543	2,818	136
Missouri	444	1,200	183	150	2,426
Montana	0	<1	0	<1 ^a	1
Nebraska	1,063	992	407	32,751	514
Nevada	0	4	<1	2	21
New Hampshire	0	0	0	<1	39
New Jersey	8,587	5,727	996	907	754
New Mexico	<1	6	2	5 ^a	3
New York	41,643	175,843	1,951	1,312	771
North Carolina	2,502	68,213	3,310	0	0

Table B-2. (continued).

State	Radioactivity (ci)				
	1993	1994	1995	1996	1997
North Dakota	18	6	0	<1	<1
Ohio	2,370	583	553	50,021	1,076
Oklahoma	623	64	<1	<1	822
Oregon	331	48	1,279	357	28
Pennsylvania	84,347	93,730	5,692	71,901	8,247
Puerto Rico	0	0	0	<1 ^a	<1
Rhode Island	0	0	15	<1	<1
South Carolina	20,943	1,476	1,504	2,347	1,398
South Dakota	<1	7	<1	0	0
Tennessee	243	194	777	645	515
Texas	6,605	4,462	2,010	3,941	2,544
Utah	<1	80	22	<1	2
Vermont	740	158	135	46	37,677
Virginia	3,305	2,402	951	10,375	4,214
Washington	1,078	1,264	923	654 ^a	505
West Virginia	6	<1	5	<1	<1
Wisconsin	345	879	348	153	2,652
Wyoming	0	6	<1	13	1
Total	643,207	751,379	171,816	456,246 ^a	126,967

a. 1996 values have been adjusted.

Table B-3. Commercial nuclear power reactors in the United States, as of January 1, 1998.

State Name	Facility Name	Commercially Operational Date	Units	Type
Alabama	• Browns Ferry Nuclear Power Station	8/74	1,2&3	BWR ^b
	• Joseph M. Farley Nuclear Plant	12/77	1&2	PWR ^c
Arizona	• Palo Verde Nuclear Generating Station	1/86	1,2&3	PWR
Arkansas	• Arkansas Nuclear One	12/74	1&2	PWR
California	• Diablo Canyon Nuclear Power Plant	5/85	1&2	PWR
	• Humboldt Bay Power Plant (closed 1976)			BWR
	• Rancho Seco Nuclear Generating Station (closed 1989)			PWR
	• San Onofre Nuclear Generating Station (Unit 1 closed 1992)	8/83	2&3	PWR
Colorado	• Ft. St. Vrain Nuclear Generating Station (closed 1989)			HTGR ^d
Connecticut	• Haddam Neck Plant (closed 1996)			PWR
	• Millstone Nuclear Power Station	3/71	1	BWR
	• Millstone Nuclear Power Station	12/75	2&3	PWR
Florida	• Crystal River Nuclear Plant	3/77	3	PWR
	• St. Lucie Plant	12/76	1&2	PWR
	• Turkey Point Plant	12/72	3&4	PWR
Georgia	• Edwin I. Hatch Nuclear Plant	12/75	1&2	BWR
	• Alvin W. Vogtle Jr. Nuclear Plant	5/87	1&2	PWR
Illinois	• Byron Nuclear Power Station	9/85	1&2	PWR
	• Clinton Power Station	11/87	1	BWR
	• Dresden Nuclear Power Station (Unit 1 closed 1978)	6/70	2&3	BWR
	• LaSalle County Station	1/84	1&2	BWR
	• Quad Cities Station	2/73	1&2	BWR
	• Zion Nuclear Plant (closed 1998)			PWR
	• Braidwood Station	7/88	1&2	PWR
Iowa	• Duane Arnold Energy Center	2/75	1	BWR
Kansas	• Wolf Creek Generating Station	9/85	1	PWR
Louisiana	• River Bend Station	6/86	1	BWR
	• Waterford Generating Station	9/85	3	PWR

Table B-3. (continued).

State Name	Facility Name	Commercially Operational Date	Units	Type
Maine	<ul style="list-style-type: none"> • Maine Yankee Atomic Power Plant (closed 1996) 			PWR
Maryland	<ul style="list-style-type: none"> • Calvert Cliffs Nuclear Power Plant 	5/75	1&2	PWR
Massachusetts	<ul style="list-style-type: none"> • Pilgrim Nuclear Power Station • Yankee Nuclear Power Station (closed 1991) 	12/72	1	BWR PWR
Michigan	<ul style="list-style-type: none"> • Big Rock Point Nuclear Plant (closed 8/97) • Donald C. Cook Nuclear Power Plant • Fermi Atomic Power Plant • Palisades Nuclear Plant 	8/75 1/88 12/71	1&2 2 1	BWR PWR BWR PWR
Minnesota	<ul style="list-style-type: none"> • Monticello Nuclear Generating Plant • Prairie Island Nuclear Generating Plant 	6/71 12/73	1 1&2	BWR PWR
Mississippi	<ul style="list-style-type: none"> • Grand Gulf Nuclear Station 	7/85	1	BWR
Missouri	<ul style="list-style-type: none"> • Callaway Plant 	4/85	1	PWR
Nebraska	<ul style="list-style-type: none"> • Cooper Nuclear Station • Fort Calhoun Station 	7/74 9/73	1 1	BWR PWR
New Hampshire	<ul style="list-style-type: none"> • Seabrook Nuclear Station 	7/90	1	PWR
New Jersey	<ul style="list-style-type: none"> • Hope Creek Nuclear Generating Station • Oyster Creek Nuclear Power Plant • Salem Nuclear Generating Station 	12/86 12/69 6/77	1 1 1&2	BWR BWR PWR
New York	<ul style="list-style-type: none"> • James A. FitzPatrick Nuclear Power Plant • Robert Emmett Ginna Nuclear Power Plant • Indian Point Station (Unit 1 closed 1974) • Nine Mile Point Nuclear Station • Shoreham Nuclear Power Station (closed 1989) 	7/75 7/70 8/74 12/69	1 1 2&3 1&2	BWR PWR PWR BWR BWR
North Carolina	<ul style="list-style-type: none"> • Brunswick Steam Electric Plant • McGuire Nuclear Station • Shearon Harris Nuclear Power Plant 	11/75 12/81 5/87	1&2 1&2 1	BWR PWR PWR
Ohio	<ul style="list-style-type: none"> • Davis-Besse Nuclear Power Station • Perry Nuclear Power Plant 	7/78 11/87	1 1	PWR BWR
Oregon	<ul style="list-style-type: none"> • Trojan Nuclear Plant (closed 1992) 			PWR

Table B-3. (continued).

State Name	Facility Name	Commercially Operational Date	Units	Type
Pennsylvania	• Beaver Valley Power Station	10/76	1&2	PWR
	• Limerick Generating Station	2/86	1&2	BWR
	• Peach Bottom Atomic Power Station	7/74	2&3	BWR
	• Susquehanna Steam Electric Station	6/83	1&2	BWR
	• Three Mile Island Nuclear Station	9/74	1	PWR
South Carolina	• Catawba Nuclear Station	6/85	1&2	PWR
	• Oconee Nuclear Plant	7/73	1,2,&3	PWR
	• H. B. Robinson Plant	3/71	2	PWR
	• Virgil C. Summer Nuclear Station	1/84	1	PWR
Tennessee	• Sequoyah Nuclear Plant	7/81	1&2	PWR
	• Watts Bar Nuclear Plant	5/96	1	PWR
Texas	• South Texas Project	8/88	1&2	PWR
	• Comanche Peak	8/90	1&2	PWR
Vermont	• Vermont Yankee Nuclear Power Station	11/72	1	BWR
Virginia	• North Anna Power Station	6/78	1&2	PWR
	• Surry Power Station	12/72	1&2	PWR
Washington	• Washington Nuclear Project	12/84	2	BWR
Wisconsin	• Kewaunee Nuclear Power Plant	6/74	1	PWR
	• La Crosse Nuclear Generating Station (closed 1987)			BWR
	• Point Beach Nuclear Plant	12/70	1&2	PWR

a. "World List of Nuclear Power Plants," Nuclear News, March, 1998/Vol. 41/No.3.

b. BWR = Boiling-Water Reactor.

c. PWR = Pressurized-Water Reactor.

d. HTGR = High Temperature Gas Reactor.

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APPENDIX C

**STATE RADIATION PROGRAM
REPRESENTATIVES**

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Table C-1. State radiation program representatives.

<u>State</u>	<u>Draft Report Sent to:</u>
Alabama	K. E. Whatley
Alaska	K. Coleman
Arizona	A. V. Godwin
Arkansas	D. D. Snellings, Jr.
California	E. D. Bailey
Colorado	R. M. Quillin
Connecticut	None
Delaware	A. C. Tapert
District of Columbia	N. J. Stewart
Florida	W. A. Passetti
Georgia	T. E. Hill
Hawaii	None
Idaho	G. Klokeid
Illinois	P. Eastvold
Indiana	J. H. Ruyack
Iowa	D. A. Flater
Kansas	V. L. Cooper
Kentucky	J. A. Volpe
Louisiana	W. H. Spell
Maine	None
Maryland	R. G. Fletcher
Massachusetts	R. M. Hallisey
Michigan	J. Camburn
Minnesota	J. Ball
Mississippi	R. W. Goff
Missouri	G. McNutt
Montana	G. Eicholtz
Nebraska	None
Nevada	S. R. Marshall
New Hampshire	D. E. Tefft
New Jersey	J. Lipoti
New Mexico	W. M. Floyd
New York	P. J. Merges
North Carolina	R. M. Fry
North Dakota	D. K. Mount
Ohio	R. L. Suppes
Oklahoma	M. Broderick

Table C-1. (continued).

<u>State</u>	<u>Draft Report Sent to</u>
Oregon	R. D. Paris
Pennsylvania	K. Kerns
Puerto Rico	None
Rhode Island	M. Stoeckel
South Carolina	M. K. Batavia
South Dakota	J. Robertson
Tennessee	M. H. Mobley
Texas	R. A. Ratliff
Utah	W. J. Sinclair
Vermont	P. E. Clemons
Virginia	L. P. Foldesi
Washington	J. L. Erickson
West Virginia	B. L. DeBord
Wisconsin	P. S. Schmidt
Wyoming	None
